

# OCCUPATIONS, LABOR, AND WAGES.

**No. 154.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED  
IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECI-  
FIED OCCUPATIONS.**

[Source: Reports of the Bureau of the Census, Department of Commerce.]

Occupation.	Male.	Female.	Total.
<b>Agriculture, forestry, and animal husbandry:</b>			
Dairy farmers.....	59,240	2,576	61,816
Dairy farm laborers.....	32,237	2,777	35,014
Farmers <sup>1</sup> .....	5,007,297	287,700	5,805,003
<b>Farm laborers—</b>			
Farm laborers (home farm).....	2,133,949	1,176,585	3,310,534
Farm laborers (working out).....	2,209,444	337,522	2,636,966
Turpentine farm laborers.....	27,241	316	27,557
Total.....	4,400,634	1,514,423	5,975,057
<b>Farm, dairy farm, garden, orchard, etc., foremen—</b>			
Dairy farm foremen.....	1,061	85	1,086
Farm foremen <sup>2</sup> .....	34,915	7,505	42,420
Garden and greenhouse foremen.....	1,223	88	1,311
Orchard, nursery, etc., foremen.....	2,687	87	2,774
Total.....	39,826	7,765	47,591
Fishermen and oystermen.....	67,799	476	68,275
Foresters.....	4,332	.....	4,332
<b>Gardeners, florists, fruit growers, and nurserymen—</b>			
Florists.....	7,977	1,051	9,028
Fruit growers and nurserymen.....	44,186	2,355	46,541
Gardeners.....	75,481	4,413	79,894
Landscape gardeners.....	3,777	15	3,792
Total.....	131,421	7,834	139,255
<b>Garden, greenhouse, orchard, and nursery laborers—</b>			
Cranberry-bog laborers.....	1,316	68	1,384
Garden laborers.....	76,372	4,942	81,314
Greenhouse laborers.....	18,796	961	19,757
Orchard and nursery laborers.....	31,069	1,503	32,572
Total.....	126,453	7,474	133,927
<b>Lumbermen, raftsmen, and woodchoppers—</b>			
Foremen and overseers.....	4,798	.....	4,798
Lumbermen and raftsmen.....	113,999	37	114,036
Teamsters and haulers.....	15,038	.....	15,038
Woodchoppers and tie cutters.....	27,356	40	27,396
Total.....	161,191	77	161,268
Owners and managers of log and timber camps.....	7,927	4	7,931
Stock herders, drovers, and feeders.....	62,090	885	62,975
Stock raisers.....	50,847	1,674	52,521
<b>Other agricultural and animal-husbandry pursuits—</b>			
Apiarists.....	2,020	125	2,145
Cornshellers, hay balers, grain thrashers, etc.....	5,617	.....	5,617
Ditchers.....	15,198	.....	15,198
Poultry raisers and poultry-yard laborers.....	11,777	3,607	15,384
Other and not specified pursuits.....	5,796	98	5,894
Total.....	40,403	3,830	44,238
Total agriculture, forestry, and animal husbandry.....	10,851,702	1,807,501	12,659,203
<b>Extraction of minerals:</b>			
Foremen, overseers, and inspectors—			
Foremen and overseers.....	22,133	9	22,142
Inspectors.....	1,195	1	1,196
Total.....	23,328	10	23,338
<b>Operators, officials, and managers—</b>			
Managers.....	9,786	12	9,798
Officials.....	1,140	9	1,149
Operators.....	14,201	86	14,287
Total.....	25,127	107	25,234

<sup>1</sup> Includes turpentine farmers.

<sup>2</sup> Includes turpentine farm foremen.

No. 154.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910, BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
<b>Ex traction of minerals—Continued.</b>			
Coal-mine operatives.....	613,519	405	613,924
Copper-mine operatives.....	39,251	19	39,270
Gold and silver mine operatives.....	55,397	39	55,436
Iron-mine operatives.....	49,564	39	49,603
<b>Operatives in other and not specified mines—</b>			
Lead and zinc mine operatives.....	19,471	15	19,486
All other mine operatives.....	27,698	68	27,766
Total.....	47,169	83	47,252
Quarry operatives.....	80,795	45	80,840
<b>Oil, gas, and salt well operatives—</b>			
Oil and gas well operatives.....	25,548	14	25,562
Salt well and works operatives.....	4,032	333	4,365
Total.....	29,580	347	29,927
Total extraction of minerals.....	963,730	1,094	964,824
<b>Manufacturing and mechanical industries:</b>			
<b>Apprentices—</b>			
Apprentices to building and hand trades.....	27,969	32	28,031
Dressmakers' and milliners' apprentices.....	31	11,980	12,011
Other apprentices.....	75,339	3,583	78,922
Total.....	103,369	15,595	118,964
Bakers.....	84,752	4,779	89,531
<b>Blacksmiths, forgemen, and hammermen—</b>			
Blacksmiths.....	232,957	31	232,988
Forgemen, hammermen, and welders.....	7,531		7,531
Total.....	240,488	31	240,519
Boilermakers.....	44,761		44,761
Brick and stone masons.....	169,387	15	169,402
Builders and building contractors.....	173,573	849	174,422
Butchers and dressers (slaughterhouse).....	10,349	2	10,351
Cabinetmakers.....	41,884	8	41,892
Carpenters.....	817,082	38	817,120
Compositors, linotypers, and typesetters.....	113,538	14,051	127,589
Coopers.....	25,292	7	25,299
Dressmakers and seamstresses (not in factory).....	1,582	447,760	449,342
Dyers.....	13,396	651	14,047
Electricians and electrical engineers.....	135,427	92	135,519
<b>Electrotypers, stereotypers, and lithographers—</b>			
Electrotypers and stereotypers.....	4,268	100	4,368
Lithographers.....	7,661	477	8,138
Total.....	11,929	577	12,506
Engineers (mechanical).....	14,514		14,514
Engineers (stationary).....	231,031	10	231,041
Engravers.....	13,429	538	13,967
<b>Files, grinders, buffers, and polishers (metal)—</b>			
Buffers and polishers.....	28,191	2,305	30,496
Files.....	10,069	167	10,236
Grinders.....	8,419	374	8,793
Total.....	46,679	2,846	49,525
<b>Firemen (except locomotive and fire department).....</b>	111,248		111,248
Foremen and overseers (manufacturing).....	155,358	19,740	175,098
<b>Furnacemen, smeltermen, heaters, pourers, etc.—</b>			
Furnacemen and smeltermen.....	19,719	16	19,735
Heaters.....	10,111	9	10,120
Ladlers and pourers.....	679		679
Puddlers.....	5,717		5,717
Total.....	36,226	25	36,251
Glassblowers.....	15,474	90	15,564

No. 154.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910, BY SEX AND SPECIFIED OCCUPATIONS—CON.

Occupation.	Male.	Female.	Total.
<b>Manufacturing and mechanical industries—Continued.</b>			
Jewelers, watchmakers, goldsmiths, and silversmiths—			
Goldsmiths and silversmiths.....	5,553	204	5,757
Jewelers and lapidaries (factory).....	8,783	1,848	10,631
Jewelers and watchmakers (not in factory).....	15,701	485	16,186
Total.....	30,037	2,537	32,574
<b>Laborers (not otherwise specified)—</b>			
<b>Building and hand trades—</b>			
General and not specified laborers.....	853,679	15,799	869,478
Helpers in building and hand trades.....	65,352	79	65,431
Total.....	919,031	15,878	934,909
<b>Chemical industries—</b>			
Fertilizer factories.....	9,757	90	9,847
Paint factories.....	2,842	117	2,959
Powder, cartridge, fireworks, etc., factories.....	3,947	330	4,277
Other chemical factories.....	23,165	1,493	24,658
Total.....	39,711	2,030	41,741
<b>Clay, glass, and stone industries—</b>			
Brick, tile, and terra-cotta factories.....	77,333	621	77,954
Glass factories.....	23,686	948	24,634
Lime, cement, and gypsum factories.....	35,931	152	36,083
Marble and stone yards.....	6,847	68	6,915
Potteries.....	8,641	599	9,240
Total.....	152,438	2,388	154,826
<b>Iron and steel industries—</b>			
Automobile factories.....	15,044	139	15,183
Blast furnaces and rolling mills <sup>1</sup> .....	201,030	1,362	202,392
Car and railroad shops.....	48,114	228	48,342
Wagon and carriage factories.....	12,232	159	12,391
Other iron and steel works.....	199,781	4,252	204,033
Total.....	476,801	6,140	482,941
<b>Other metal industries—</b>			
Brass mills.....	10,606	279	10,885
Copper factories.....	11,532	54	11,586
Lead and zinc factories.....	7,871	74	7,945
Tinware and enamel-ware factories.....	6,709	878	7,587
Other metal factories.....	5,416	1,554	6,970
Total.....	42,134	2,639	44,773
<b>Lumber and furniture industries—</b>			
Furniture, piano, and organ factories.....	27,188	889	28,077
Saw and planing mills.....	258,361	1,781	260,142
Other woodworking factories.....	27,079	1,346	28,425
Total.....	313,228	4,016	317,244
<b>Textile industries—</b>			
Cotton mills.....	32,037	5,767	37,804
Silk mills.....	2,680	1,112	3,792
Woolen and worsted mills.....	10,245	2,045	12,290
Other textile mills.....	20,139	7,115	27,254
Total.....	71,107	16,039	87,146
<b>Other industries—</b>			
Charcoal and coke works.....	11,431	15	11,446
Cigar and tobacco factories.....	11,436	4,956	16,392
Clothing industries.....	5,424	4,816	10,240
Electric light and power plants.....	8,011	165	8,176
Electrical supply factories.....	10,053	1,381	11,434
Food industries—			
Bakeries.....	3,755	755	4,510
Butter and cheese factories.....	4,688	128	4,816
Fish curing and packing.....	4,037	233	4,270
Flour and grain mills.....	9,152	91	9,243
Fruit and vegetable canning, etc.....	3,983	957	4,940
Slaughter and packing houses.....	32,471	1,452	33,923
Sugar factories and refineries.....	8,647	108	8,755
Other food factories.....	8,653	2,590	11,243

<sup>1</sup> Includes tin-plate mills.

No. 154.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910, BY SEX AND SPECIFIED OCCUPATIONS—CON.

Occupation.	Male.	Female.	Total.
<b>Manufacturing and mechanical industries—Continued.</b>			
<b>Laborers (not otherwise specified)—Continued.</b>			
<b>Other industries—Continued.</b>			
Gas works.....	16,534	15	16,549
Liquor and beverage industries.....	18,294	563	18,857
Oil refineries.....	11,151	64	11,215
Paper and pulp mills.....	20,059	1,499	31,858
Printing and publishing.....	5,217	1,824	7,041
Rubber factories.....	12,224	1,322	13,546
Shoe factories.....	7,052	2,325	10,277
Tanneries.....	20,491	307	20,798
Turpentine distilleries.....	6,354	51	6,405
Other factories.....	130,675	13,072	150,347
Total.....	386,807	30,229	426,126
Total laborers (not otherwise specified).....	2,401,347	88,359	2,489,706
Loom fixers.....	13,254	.....	13,254
<b>Machinists, millwrights, and tool makers—</b>			
Machinists and millwrights.....	478,713	73	478,786
Tool makers, and die setters and sinkers.....	6,243	20	6,263
Total.....	487,956	93	488,049
Managers and superintendents (manufacturing).....	102,748	1,462	104,210
<b>Manufacturers and officials—</b>			
Manufacturers.....	230,809	4,298	235,107
Officials.....	21,083	401	21,484
Total.....	251,892	4,699	256,591
<b>Mechanics (not otherwise specified)—</b>			
Gunsmiths, locksmiths, and bell hangers.....	3,248	3	3,251
Wheelwrights.....	3,732	.....	3,732
Other mechanics.....	27,705	39	27,804
Total.....	34,745	42	34,787
Millers (grain, flour, feed, etc.).....	23,003	59	23,152
Milliners and millinery dealers.....	5,469	122,447	127,916
<b>Molders, founders, and casters (metal)—</b>			
Brass molders, founders, and casters.....	6,509	3	6,512
Iron molders, founders, and casters.....	112,070	52	112,122
Other molders, founders, and casters.....	2,204	62	2,266
Total.....	120,783	117	120,900
Oilers of machinery.....	13,990	23	14,013
<b>Painters, glaziers, varnishers, enamellers, etc.—</b>			
Enamellers, lacquerers, and japanners.....	1,968	1,031	2,999
Painters, glaziers, and varnishers (building).....	273,060	381	273,441
Painters, glaziers, and varnishers (factory).....	59,736	1,129	60,915
Total.....	334,814	2,541	337,355
Paper hangers.....	24,780	707	25,577
Pattern and model makers.....	23,006	553	23,559
Plasterers.....	47,676	6	47,682
Plumbers and gas and steam fitters.....	148,304	.....	148,304
Pressmen (printing).....	19,892	192	20,084
Rollers and roll hands (metal).....	18,384	23	18,407
Roofers and slaters.....	14,078	.....	14,078
Sawyers.....	43,257	19	43,276
<b>Semiskilled operatives (not otherwise specified)—</b>			
<b>Chemical industries—</b>			
Paint factories.....	3,292	628	3,920
Powder, cartridge, fireworks, etc., factories.....	2,858	2,405	5,263
Other chemical factories.....	11,008	10,514	21,522
Total.....	17,158	13,547	30,705
Cigar and tobacco factories.....	79,947	71,572	151,519

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Occupation.	Male.	Female.	Total.
<b>Manufacturing and mechanical industries—Continued.</b>			
Semiskilled operatives (not otherwise specified)—Continued.			
Clay, glass, and stone industries—			
Brick, tile, and terra-cotta factories.....	12,649	758	13,407
Glass factories.....	37,927	3,950	41,877
Lime, cement, and gypsum factories.....	8,417	129	8,546
Marble and stone yards.....	8,389	150	8,539
Potteries.....	11,785	4,474	16,259
Total.....	79,167	9,461	88,628
Clothing industries—			
Hat factories (felt).....	22,377	4,198	26,575
Suit, coat, cloak, and overall factories.....	44,878	9,333	54,211
Other clothing factories.....	28,460	35,361	63,821
Total.....	95,715	48,892	144,607
Food industries—			
Bakeries.....	3,008	5,930	8,938
Butter and cheese factories.....	11,065	533	11,598
Candy factories.....	13,608	17,335	30,943
Flour and grain mills.....	3,750	242	3,992
Fruit and vegetable canning, etc.....	2,127	3,163	5,290
Slaughter and packing houses.....	7,121	2,327	9,448
Other food factories.....	11,033	6,992	18,025
Total.....	52,312	36,522	88,834
Harness and saddle industries.....			
	21,958	692	22,650
Iron and steel industries—			
Automobile factories.....	20,222	680	20,902
Blast furnaces and rolling mills <sup>1</sup> .....	67,746	2,384	70,130
Car and railroad shops <sup>2</sup> .....	47,405	279	47,684
Wagon and carriage factories.....	21,236	942	22,178
Other iron and steel works.....	188,662	18,757	207,419
Total.....	345,271	23,042	368,313
Other metal industries—			
Brass mills.....	14,350	2,535	16,885
Clock and watch factories.....	9,252	6,376	15,628
Gold and silver and jewelry factories.....	10,474	6,177	16,651
Lead and zinc factories.....	1,601	263	1,864
Tinware and enamel-ware factories.....	6,674	3,937	10,611
Other metal factories.....	6,553	1,558	8,111
Total.....	48,904	20,846	69,750
Liquor and beverage industries—			
Breweries.....	21,250	580	21,830
Distilleries.....	2,648	796	3,444
Other liquor and beverage factories.....	5,766	463	6,229
Total.....	29,664	1,839	31,503
Lumber and furniture industries—			
Furniture, piano, and organ factories.....	58,304	4,508	62,812
Saw and planing mills <sup>3</sup> .....	63,684	2,376	66,060
Other woodworking factories.....	32,304	6,314	38,618
Total.....	154,292	13,198	167,490
Paper and pulp industries.....			
	25,803	10,580	36,383
Printing and publishing.....	32,808	34,661	67,469
Shoe factories.....	121,744	59,286	181,030
Tanneries.....	31,713	1,840	33,553
Textile industries—			
Beamers, warpers, and slashers—			
Cotton mills.....	4,855	2,838	7,693
Silk mills.....	1,408	3,220	4,628
Woolen and worsted mills.....	2,059	511	2,570
Other textile mills.....	1,290	512	1,802
Total.....	9,612	7,081	16,693

<sup>1</sup> Includes tin-plate mills.<sup>2</sup> Includes car repairers for street and steam railroads.<sup>3</sup> Includes wooden-box factories.

No. 154.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910, BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
<b>Manufacturing and mechanical industries—Continued.</b>			
<b>Semiskilled operatives (not otherwise specified)—Continued.</b>			
<b>Textile industries—Continued.</b>			
<b>Bobbin boys, doffers, and carriers—</b>			
Cotton mills.....	14,398	2,400	16,798
Silk mills.....	320	297	617
Woolen and worsted mills.....	1,824	1,075	2,899
Other textile mills.....	1,080	1,120	2,200
Total.....	17,622	4,892	22,514
<b>Carders, combers, and lappers—</b>			
Cotton mills.....	11,729	4,210	15,939
Silk mills.....	60	83	143
Woolen and worsted mills.....	4,447	911	5,358
Other textile mills.....	1,814	702	2,516
Total.....	18,050	5,906	23,956
<b>Drawers, rovers, and twistors—</b>			
Cotton mills.....	9,535	9,937	19,472
Silk mills.....	1,472	2,353	3,825
Woolen and worsted mills.....	866	3,599	4,465
Other textile mills.....	607	1,626	2,233
Total.....	12,480	17,515	29,995
<b>Spinners—</b>			
Cotton mills.....	15,874	32,151	48,025
Silk mills.....	1,046	2,397	3,443
Woolen and worsted mills.....	6,907	6,390	13,387
Other textile mills.....	3,866	5,338	9,204
Total.....	27,783	46,270	74,059
<b>Weavers—</b>			
Cotton mills.....	48,929	43,911	92,840
Silk mills.....	18,435	17,786	36,171
Woolen and worsted mills.....	17,197	14,660	31,857
Other textile mills.....	19,723	23,127	42,850
Total.....	104,284	99,434	203,718
<b>Winders, reelers, and spoolers—</b>			
Cotton mills.....	3,226	24,283	27,509
Silk mills.....	1,222	14,904	16,126
Woolen and worsted mills.....	932	6,611	7,543
Other textile mills.....	1,890	11,265	13,155
Total.....	7,270	67,063	64,333
<b>Other occupations—</b>			
Cotton mills.....	30,025	19,724	50,349
Silk mills.....	4,995	8,825	13,820
Woolen and worsted mills.....	18,601	12,290	30,891
Other textile mills.....	46,899	73,033	119,932
Total.....	101,120	113,872	214,992
<b>Other industries—</b>			
Electrical supply factories.....	13,036	11,041	24,677
Paper-box factories.....	4,859	13,028	17,887
Rubber factories.....	20,814	9,469	30,283
Other factories.....	152,016	83,398	236,014
Total.....	191,925	116,936	308,861
Total semiskilled operatives (not otherwise specified).....	1,626,600	814,933	2,441,533
Sewers and sewing-machine operators (factory) <sup>1</sup> .....	60,003	231,206	291,209
Shoemakers and cobblers (not in factory).....	68,788	782	69,570
<b>Skilled occupations (not otherwise specified)—</b>			
Annealers and temperers (metal).....	1,894	7	1,901
Piano and organ tuners.....	6,528	105	6,633
Wood carvers.....	5,308	60	5,368
Other skilled occupations.....	2,830	76	2,906
Total.....	16,560	248	16,808

<sup>1</sup> Includes sewers and sewing-machine operators in all factories, except shoe and harness factories and sack sewers in cement, sugar, and grain mills.

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Occupation.	Male.	Female.	Total.
<b>Manufacturing and mechanical industries—Continued.</b>			
Stonecutters.....	35, 726	5	35, 731
Structural-iron workers (building).....	11, 427		11, 427
Tailors and tailoresses.....	163, 795	40, 513	204, 308
<b>Tinsmiths and coppersmiths—</b>			
Coppersmiths.....	3, 410		3, 410
Tinsmiths.....	56, 399	24	56, 423
Total.....	59, 809	24	59, 833
Upholsterers.....	18, 928	1, 293	20, 221
Total manufacturing and mechanical industries.....	8, 837, 901	1, 820, 980	10, 658, 881
<b>Transportation:</b>			
<b>Water transportation (selected occupations)—</b>			
Boatmen, canalmen, and lock keepers.....	5, 289	15	5, 304
Captains, masters, mates, and pilots.....	24, 242		24, 242
Longshoremen and stevedores.....	62, 813	44	62, 857
Sailors and deck hands.....	46, 498	12	46, 510
Total.....	138, 842	71	138, 913
<b>Road and street transportation (selected occupations)—</b>			
Carrriage and hack drivers.....	35, 339	37	35, 376
Chauffeurs.....	46, 752	33	46, 785
Draymen, teamsters, and expressmen <sup>1</sup> .....	408, 396	73	408, 469
Foremen of livery and transfer companies.....	6, 606		6, 606
Garage keepers and managers.....	5, 256	23	5, 279
Hostlers and stable hands.....	69, 382	6	69, 388
Livery-stable keepers and managers.....	34, 612	183	34, 795
Proprietors and managers of transfer companies.....	15, 368	230	15, 598
Total.....	614, 711	585	615, 296
<b>Railroad transportation (selected occupations)—</b>			
<b>Baggage men and freight agents—</b>			
Baggage men.....	12, 273		12, 273
Freight agents.....	4, 755	5	4, 760
Total.....	17, 028	5	17, 033
Boiler washers and engine hostlers.....	10, 409		10, 409
Brakemen.....	92, 572		92, 572
Conductors (steam railroad).....	65, 604		65, 604
Conductors (street railroad).....	56, 932		56, 932
Foremen and overseers.....	69, 693	240	69, 933
<b>Laborers—</b>			
Steam railroad.....	539, 920	3, 248	543, 168
Street railroad.....	27, 002	205	27, 207
Total.....	567, 522	3, 453	570, 975
Locomotive engineers.....	96, 229		96, 229
Locomotive firemen.....	76, 381		76, 381
Motormen.....	59, 005		59, 005
<b>Officials and superintendents—</b>			
Steam railroad.....	19, 803	2	19, 805
Street railroad.....	2, 433		2, 433
Total.....	22, 236	2	22, 238
<b>Switchmen, flagmen, and yardmen—</b>			
Switchmen and flagmen (steam railroad).....	73, 367	52	73, 419
Switchmen and flagmen (street railroad).....	2, 153		2, 153
Yardmen (steam railroad).....	9, 575		9, 575
Total.....	85, 095	52	85, 147
Ticket and station agents.....	22, 930	1, 208	24, 138
Total, railroad transportation (selected occupations).....	1, 241, 636	4, 960	1, 246, 596

<sup>1</sup> Teamsters in agriculture, forestry, and the extraction of minerals are classified with the other workers in those industries, respectively; and drivers for bakeries and laundries are classified with deliverymen in trade.

No. 154.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910, BY SEX AND SPECIFIED OCCUPATIONS—CON.

Occupation.	Male.	Female.	Total.
<b>Transportation—Continued.</b>			
Express, post, telegraph, and telephone (selected occupations)— Agents (express companies).....	5,804	71	5,875
Express messengers and railway mail clerks— Express messengers..... Railway mail clerks.....	6,778 15,240	3	6,781 15,240
Total.....	22,018	3	22,021
Mail carriers.....	79,667	1,011	80,678
Telegraph and telephone linemen.....	28,347	3	28,350
Telegraph messengers.....	9,074	78	9,152
Telegraph operators.....	61,734	8,219	69,953
Telephone operators.....	9,631	88,262	97,893
Total express, post, telegraph, and telephone (selected occupations).....	218,275	97,647	313,922
<b>Other transportation pursuits—</b>			
Foremen and overseers (not otherwise specified)— Road and street building and repairing..... Telegraph and telephone companies..... Water transportation..... Other transportation.....	7,064 3,439 3,016 814	404	7,064 3,843 3,016 815
Total.....	14,333	405	14,738
<b>Inspectors—</b>			
Steam railroad..... Street railroad..... Other transportation.....	27,525 2,265 3,172	136 3 136	27,661 2,268 3,308
Total.....	32,962	275	33,237
<b>Laborers (not otherwise specified)—</b>			
Road and street building and repairing..... Street cleaning..... Other transportation.....	180,468 9,946 30,762		180,468 9,946 31,023
Total.....	221,176	261	221,437
<b>Proprietors, officials, and managers (not otherwise specified)—</b>			
Telegraph and telephone companies..... Other transportation.....	8,680 4,731	1,409 19	10,089 4,750
Total.....	13,411	1,428	14,839
<b>Other occupations (semiskilled)—</b>			
Steam railroad..... Street railroad..... Other transportation.....	24,105 5,147 8,477	270 40 654	24,375 5,187 9,131
Total.....	37,729	964	38,693
Total transportation.....	2,531,075	106,596	2,637,671
<b>Trade:</b>			
Bankers, brokers, and money lenders— Bankers and bank officials..... Commercial brokers and commission men..... Loan brokers and loan company officials..... Pawnbrokers..... Stock brokers..... Brokers not specified and promoters.....	54,387 23,600 1,989 1,191 13,522 8,391	1,672 319 122 41 207 273	56,059 24,009 2,111 1,232 13,729 8,664
Total.....	103,170	2,634	105,804
Clerks in stores.....	275,589	111,594	387,183
Commercial travelers.....	161,027	2,593	163,620
Decorators, drapers, and window dressers.....	4,902	489	5,341
<b>Deliverymen—</b>			
Bakeries and laundries..... Stores.....	24,012 205,457	18 132	24,030 205,589
Total.....	229,469	150	229,619

<sup>1</sup> Many of the "clerks" in stores evidently are "salesmen and saleswomen."

No. 154.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910, BY SEX AND SPECIFIED OCCUPATIONS—CON.

Occupation.	Male.	Female.	Total.
<b>Trade—Continued.</b>			
Floorwalkers, foremen, and overseers—			
Floorwalkers and foremen in stores.....	14,900	3,046	17,946
Foremen warehouses, stockyards, etc.....	2,749	29	2,778
Total.....	17,649	3,075	20,724
Inspectors, gaugers, and samplers.....	11,685	1,761	13,446
<b>Insurance agents and officials—</b>			
Insurance agents.....	85,926	2,537	88,463
Officials of insurance companies.....	9,376	125	9,501
Total.....	95,302	2,662	97,964
<b>Laborers in coal and lumber yards, warehouses, etc.—</b>			
Coal yards.....	16,655	8	16,663
Elevators.....	6,335	11	6,346
Lumber yards.....	43,389	9	43,398
Stock yards.....	5,981	7	5,988
Warehouses.....	8,080	638	8,718
Total.....	80,450	673	81,123
Laborers, porters, and helpers in stores.....	98,169	4,164	102,333
Newsboys.....	29,435	273	29,708
<b>Proprietors, officials, and managers (not otherwise specified)—</b>			
Employment office keepers.....	1,540	720	2,260
Proprietors, etc., elevators.....	5,105	13	5,118
Proprietors, etc., warehouses.....	4,368	25	4,393
Other proprietors, officials, and managers.....	10,339	252	10,591
Total.....	21,352	1,010	22,362
Real estate agents and officials.....	122,935	2,927	125,862
Retail dealers.....	1,127,926	67,103	1,195,029
<b>Salesmen and saleswomen—</b>			
Auctioneers.....	3,985	5	3,990
Demonstrators.....	1,250	3,130	4,380
Sales agents.....	31,424	4,098	35,522
Salesmen and saleswomen (stores) <sup>1</sup> .....	626,751	250,487	877,238
Total.....	663,410	257,720	921,130
Undertakers.....	19,921	813	20,734
Wholesale dealers, importers, and exporters.....	50,123	925	51,048
<b>Other pursuits (semiskilled)—</b>			
Fruit graders and packers.....	2,677	2,038	4,715
Ment cutters.....	15,378	27	15,405
Other occupations.....	16,013	5,507	21,520
Total.....	34,068	7,572	41,640
Total trade.....	3,146,582	468,088	3,614,670
<b>Public service (not elsewhere classified):</b>			
Firemen (fire department).....	35,606	.....	35,606
Guards, watchmen, and doorkeepers.....	78,168	103	78,271
<b>Laborers (public service)—</b>			
Garbage men and scavengers.....	4,227	.....	4,227
Other laborers.....	62,278	729	63,007
Total.....	66,505	729	67,234
<b>Marshals, sheriffs, detectives, etc.—</b>			
Detectives.....	6,162	187	6,349
Marshals and constables.....	9,071	2	9,073
Probation and truant officers.....	855	188	1,043
Sheriffs.....	7,131	3	7,134
Total.....	23,219	380	23,599
<b>Officials and inspectors (city and county)—</b>			
Officials and inspectors (city).....	32,199	1,011	33,210
Officials and inspectors (county).....	17,469	1,575	19,044
Total.....	49,668	2,586	52,254

<sup>1</sup> Many of the "clerks" in stores evidently are "salesmen and saleswomen."

No. 154.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910, BY SEX AND SPECIFIED OCCUPATIONS—CON.

Occupation.	Male.	Female.	Total.
<b>Public service (not elsewhere classified)—Continued.</b>			
Officials and inspectors (State and United States)—			
Officials and inspectors (State).....	6,662	540	7,202
Officials and inspectors (United States).....	36,727	8,997	45,724
<b>Total</b> .....	<b>43,389</b>	<b>9,537</b>	<b>52,926</b>
Policemen.....	61,980		61,980
Soldiers, sailors, and marines.....	77,153		77,153
<b>Other pursuits—</b>			
Life savers.....	2,158		2,158
Lighthouse keepers.....	1,552	41	1,593
Other occupations.....	6,335	182	6,517
<b>Total</b> .....	<b>10,045</b>	<b>223</b>	<b>10,268</b>
<b>Total public service (not elsewhere classified)</b> .....	<b>445,733</b>	<b>13,558</b>	<b>459,291</b>
<b>Professional service:</b>			
Actors.....	16,305	11,992	28,297
Architects.....	16,311	302	16,613
Artists, sculptors, and teachers of art.....	18,075	15,429	34,104
<b>Authors, editors, and reporters—</b>			
Authors.....	2,310	2,058	4,368
Editors and reporters.....	30,201	4,181	34,382
<b>Total</b> .....	<b>32,511</b>	<b>6,239</b>	<b>38,750</b>
Chemists, assayers, and metallurgists.....	15,694	570	16,273
<b>Civil and mining engineers and surveyors—</b>			
Civil engineers and surveyors.....	52,028	5	52,033
Mining engineers.....	6,930		6,930
<b>Total</b> .....	<b>58,958</b>	<b>5</b>	<b>58,963</b>
Clergymen.....	117,333	685	118,018
College presidents and professors.....	12,710	2,958	15,668
Dentists.....	38,743	1,254	39,997
<b>Designers, draftsmen, and inventors—</b>			
Designers.....	9,211	2,577	11,788
Draftsmen.....	32,923	391	33,314
Inventors.....	2,303	44	2,347
<b>Total</b> .....	<b>44,437</b>	<b>3,012</b>	<b>47,449</b>
Lawyers, judges, and justices.....	114,146	558	114,704
Musicians and teachers of music.....	54,832	84,478	139,310
Photographers.....	26,811	4,064	31,775
Physicians and surgeons.....	142,117	9,015	151,132
Showmen.....	18,988	1,108	20,096
<b>Teachers—</b>			
Teachers (athletics, dancing, etc.).....	2,768	1,163	3,931
Teachers (school).....	118,442	476,864	595,306
<b>Total</b> .....	<b>121,210</b>	<b>478,027</b>	<b>599,237</b>
Trained nurses.....	5,819	76,508	82,327
Veterinary surgeons.....	11,652		11,652
Other professional pursuits.....	7,585	8,092	15,677
<b>Semi-professional pursuits—</b>			
Abstractors, notaries, and justices of the peace.....	6,660	785	7,445
Fortune tellers, hypnotists, spiritualists, etc.....	380	1,220	1,600
Healers (except physicians and surgeons).....	2,162	4,672	6,834
Keepers of charitable and penal institutions.....	5,246	2,245	7,491
Officials of lodges, societies, etc.....	6,245	1,070	8,215
Religious and charity workers.....	7,081	8,889	15,970
Theatrical owners, managers, and officials.....	11,027	295	11,322
Other occupations.....	5,731	318	6,049
<b>Total</b> .....	<b>44,532</b>	<b>20,394</b>	<b>64,926</b>
Attendants and helpers (professional service).....	10,315	8,286	18,601
<b>Total professional service</b> .....	<b>929,684</b>	<b>733,885</b>	<b>1,663,569</b>
<b>Domestic and personal service:</b>			
Barbers, hairdressers, and manicurists.....	172,977	22,298	195,274
Bartenders.....	100,984	250	101,234

No. 154.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910, BY SEX AND SPECIFIED OCCUPATIONS—CON.

Occupation.	Male.	Female.	Total.
<i>Domestic and personal service—Continued.</i>			
Billiard room, dance hall, skating rink, etc., keepers—			
Billiard and pool room keepers.....	13,700	159	13,859
Dance hall, skating rink, etc., keepers.....	2,243	659	2,902
Total.....	15,943	818	16,761
Boarding and lodging house keepers.....	23,052	142,400	165,452
Bootblacks.....	14,000	20	14,020
Charwomen and cleaners.....	7,195	26,839	34,034
Elevator tenders.....	25,010	25	25,035
Hotel keepers and managers.....	50,269	14,235	64,504
Housekeepers and stewards.....	15,940	173,833	189,773
Janitors and sextons.....	91,629	21,452	113,081
Laborers (domestic and professional service).....	50,265	3,215	53,480
Launderers and laundresses (not in laundry).....	13,693	520,004	533,697
Laundry operatives <sup>1</sup> .....	35,899	75,980	111,879
Laundry owners, officials, and managers <sup>1</sup> .....	17,057	986	18,043
Midwives and nurses (not trained)—			
Midwives.....		6,205	6,205
Nurses (not trained).....	15,926	110,912	126,838
Total.....	15,926	117,117	133,043
Porters (except in stores).....	84,055	73	84,128
Restaurant, café, and lunch-room keepers.....	50,319	10,516	60,835
Saloon keepers.....	66,724	1,491	68,215
<i>Servants—</i>			
Bell boys, chore boys, etc.....	17,667	662	18,329
Chambermaids.....	187	39,602	39,789
Coachmen and footmen.....	25,667		25,667
Cooks.....	117,004	333,436	450,440
Other servants.....	102,151	935,849	1,038,000
Total.....	262,675	1,309,549	1,572,225
Waiters.....	102,495	85,798	188,293
<i>Other pursuits—</i>			
Bathhouse keepers and attendants.....	3,125	1,470	4,595
Cemetery keepers.....	4,811	31	4,842
Cleaners and renovators (clothing, etc.).....	12,215	2,645	14,860
Umbrella menders and scissors grinders.....	1,016	37	1,053
Other occupations.....	4,056	264	4,320
Total.....	25,223	4,447	29,670
Total domestic and personal service.....	1,241,828	2,530,846	3,772,174
<i>Clerical occupations:</i>			
Agents, canvassers, and collectors—			
Agents.....	48,495	2,290	50,785
Canvassers.....	13,980	4,615	18,595
Collectors.....	33,850	1,897	35,747
Total.....	96,325	8,802	105,127
Bookkeepers, cashiers, and accountants.....	299,545	187,155	486,700
Clerks (except clerks in stores)—			
Shipping clerks.....	78,192	2,161	80,353
Other clerks.....	519,641	120,504	640,145
Total.....	597,833	122,665	720,498
Messenger, bundle, and office boys <sup>2</sup> —			
Bundle and cash boys and girls.....	4,274	6,592	10,866
Messenger, errand, and office boys.....	92,474	4,695	97,169
Total.....	96,748	11,287	108,035
Stenographers and typewriters.....	53,378	263,315	316,693
Total clerical occupations.....	1,143,829	593,224	1,737,053
Grand total gainfully occupied.....	30,091,564	8,075,772	38,167,336
Total population 10 years of age and over (1910).....	37,027,558	34,552,712	71,580,270

<sup>1</sup> Some owners of hand laundries are included with "laundry operatives."

<sup>2</sup> Except telegraph and telephone messengers.

**No. 155.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED  
IN GAINFUL OCCUPATIONS, CENSUS YEARS 1900 AND 1910: By  
SEX, BY STATES, AND BY GEOGRAPHIC DIVISIONS.**

[From reports of the Bureau of the Census, Department of Commerce.]

State.	1900			1910		
	Male.	Female.	Total.	Male.	Female.	Total.
Alabama.....	563,170	200,009	763,188	683,104	314,330	997,524
Arizona.....	40,584	6,780	53,370	77,236	10,589	87,825
Arkansas.....	407,942	77,853	485,795	510,410	161,993	672,403
California.....	556,345	87,922	644,267	932,752	174,016	1,107,663
Colorado.....	190,297	27,066	218,263	285,083	53,041	338,724
Connecticut.....	296,971	85,689	385,610	370,481	110,981	490,462
Delaware.....	60,024	12,972	72,996	68,317	17,546	85,863
District of Columbia.....	85,780	41,161	126,941	105,044	52,021	157,065
Florida.....	163,989	37,581	201,570	248,926	73,161	322,087
Georgia.....	645,932	218,639	864,471	807,185	352,941	1,160,126
Idaho.....	58,167	4,616	62,683	118,050	13,038	131,088
Illinois.....	1,509,394	294,046	1,804,040	1,866,422	431,356	2,296,778
Indiana.....	782,237	116,716	898,953	880,979	185,731	1,066,710
Iowa.....	682,521	106,883	789,404	694,799	131,514	826,313
Kansas.....	452,169	55,571	507,740	540,639	80,694	621,333
Kentucky.....	646,909	105,622	752,531	719,389	147,611	866,999
Louisiana.....	405,182	130,911	536,093	501,674	177,600	679,183
Maine.....	224,847	51,930	276,777	242,175	63,282	305,457
Maryland.....	359,755	98,983	458,738	410,884	130,280	541,164
Massachusetts.....	879,374	329,633	1,208,907	1,086,767	444,301	1,531,068
Michigan.....	772,209	133,691	905,900	926,816	186,183	1,112,998
Minnesota.....	548,946	96,928	645,874	689,847	145,605	835,452
Mississippi.....	466,766	178,357	645,123	574,270	305,366	879,645
Missouri.....	966,866	154,526	1,121,392	1,076,772	211,564	1,288,336
Montana.....	104,990	9,809	114,799	159,896	18,851	178,747
Nebraska.....	327,354	46,616	373,970	377,811	63,308	441,114
Nevada.....	17,809	2,000	19,809	40,535	4,375	44,910
New Hampshire.....	136,961	41,758	178,719	143,363	48,340	191,703
New Jersey.....	603,237	154,522	757,759	834,795	239,565	1,074,360
New Mexico.....	59,710	6,310	66,020	106,418	15,079	121,497
New York.....	2,324,429	672,045	2,996,474	3,020,158	983,686	4,003,844
North Carolina.....	556,581	160,161	716,742	674,849	272,990	947,839
North Dakota.....	103,548	14,092	117,640	188,372	29,046	217,418
Ohio.....	1,299,881	246,071	1,545,952	1,572,343	346,712	1,919,055
Oklahoma.....	243,932	22,473	266,405	520,376	78,253	598,629
Oregon.....	151,200	18,437	169,637	264,691	40,473	305,164
Pennsylvania.....	2,017,052	431,637	2,448,589	2,525,245	605,436	3,130,681
Rhode Island.....	139,829	52,094	191,923	180,962	70,939	251,901
South Carolina.....	389,645	181,350	570,995	460,794	267,833	728,627
South Dakota.....	121,512	16,644	137,156	190,363	28,714	219,077
Tennessee.....	611,383	116,204	727,587	682,248	173,298	855,546
Texas.....	892,611	140,392	1,033,003	1,228,422	328,444	1,556,866
Utah.....	73,840	10,764	84,604	113,113	18,427	131,540
Vermont.....	112,181	22,752	134,933	116,781	28,308	144,089
Virginia.....	536,883	125,532	662,415	626,868	168,700	795,568
Washington.....	204,606	20,781	225,387	455,375	66,126	521,501
West Virginia.....	294,502	31,161	325,663	394,390	54,100	448,490
Wisconsin.....	616,391	116,147	732,538	729,804	162,608	892,412
Wyoming.....	41,264	3,004	44,268	67,693	6,013	73,606
Total.....	23,753,836	5,319,397	29,073,233	30,001,564	8,075,772	38,167,336
<i>Geographic divisions.<sup>1</sup></i>						
New England.....	1,790,163	586,206	2,376,369	2,139,529	775,151	2,914,680
Middle Atlantic.....	4,944,718	1,258,104	6,202,822	6,380,198	1,828,687	8,208,885
East North Central.....	4,080,202	907,271	5,887,473	5,975,363	1,282,590	7,257,953
West North Central.....	3,202,916	490,260	3,693,176	3,758,003	690,440	4,449,043
South Atlantic.....	3,093,091	907,440	4,000,531	3,797,257	1,300,472	5,187,729
East South Central.....	2,288,237	600,192	2,888,429	2,659,090	940,605	3,599,695
West South Central.....	1,949,697	371,629	2,321,326	2,760,782	746,299	3,507,081
Mountain.....	592,661	71,155	663,816	967,924	140,013	1,107,937
Pacific.....	912,151	127,140	1,039,291	1,652,818	281,515	1,934,333

<sup>1</sup> For States included in each division, see note 5, p. 25.

**No. 156.—STRIKES IN COAL MINES: NUMBER OF MEN ON STRIKE, TOTAL DAYS LOST, AND AVERAGE DAYS LOST PER MAN, CALENDAR YEARS 1912 AND 1913, BY STATES.**

[Source: Reports of the Geological Survey, Department of the Interior.]

State.	1912			1913		
	Men on strike.	Days lost.	Average days lost per man.	Men on strike.	Days lost.	Average days lost per man.
Alabama.....	384	12,323	32	1,048	27,041	26
Arkansas.....	403	37,085	94	1,221	32,481	27
Colorado.....				7,324	552,082	75
Illinois.....	60,505	2,026,526	33	11,861	655,622	55
Indiana.....	16,400	795,887	52	2,657	44,143	17
Iowa.....	8,455	370,440	44	721	13,538	19
Kansas.....	2,088	13,487	65	3,178	28,936	9
Kentucky.....	2,759	79,685	29	1,029	18,638	18
Maryland.....	347	3,228	9	200	400	2
Michigan.....	2,028	101,424	50	180	1,260	7
Missouri.....	952	55,022	58	918	31,251	34
Montana.....	869	8,445	10	1,094	6,682	6
New Mexico.....				8	1,040	130
North Dakota.....	10	20	2			
Ohio.....	27,200	895,777	32	10,029	263,234	26
Oklahoma.....	860	12,109	14	1,696	135,274	80
Oregon.....	60	420	7			
Pennsylvania.....	22,538	538,248	24	17,244	274,290	16
Tennessee.....	670	20,011	30	857	42,966	50
Texas.....	238	1,724	7			
Utah.....				5	1,300	260
Washington.....	807	31,347	39	1,239	60,145	49
West Virginia.....	12,165	606,588	50	8,800	377,405	43
Wyoming.....	360	3,425	10			
Total bituminous.....	159,098	5,613,830	35	71,309	2,567,734	36
Pennsylvania anthracite.....	151,958	6,013,475	45	64,080	481,678	8

**No. 157.—SUMMARY OF STRIKES IN COAL MINES: NUMBER OF MEN ON STRIKE, DAYS LOST, AND AVERAGE DAYS LOST PER MAN, CALENDAR YEARS 1902 TO 1913.**

[Source: Reports of the Geological Survey, Department of the Interior.]

Year.	Men on strike.	Working days lost.	Average days lost per man.	Year.	Men on strike.	Working days lost.	Average days lost per man.
1902.....	200,452	16,672,217	83.0	1908 <sup>1</sup> .....	145,145	5,440,938	38.0
1903 <sup>1</sup> .....	47,481	1,341,031	28.0	1909 <sup>1</sup> .....	24,703	723,634	29.0
1904.....	77,661	3,382,830	44.0	1910.....	218,493	19,250,524	88.0
1905.....	37,542	796,735	21.0	1911.....	41,413	983,737	24.0
1906.....	372,343	19,201,348	51.5	1912.....	311,056	12,527,305	40.0
1907 <sup>1</sup> .....	32,540	462,392	14.0	1913.....	135,395	3,049,412	22.5

<sup>1</sup> Bituminous mines only.

**No. 158.—COAL MINES, ANTHRACITE AND BITUMINOUS: NUMBER OF MEN EMPLOYED, NUMBER OF DAYS WORKED, AND AVERAGE TONNAGE MINED PER MAN PER DAY AND PER CALENDAR YEAR, 1904 TO 1908 AND 1910 TO 1913.**

[Source: Reports of the Geological Survey, Department of the Interior.]

Year.	Anthracite.				Bituminous.			
	Men employed.	Days worked.	Average tonnage per man per day.	Average tonnage per man per year.	Men employed.	Days worked.	Average tonnage per man per day.	Average tonnage per man per year.
1904.....	155,861	200	2.35	469	437,832	202	3.15	637
1905.....	165,400	215	2.18	470	460,629	211	3.24	684
1906.....	162,355	195	2.25	439	478,425	213	3.36	717
1907.....	167,234	220	2.33	512	513,258	234	3.29	709
1908.....	174,174	200	2.39	478	516,204	193	3.34	644
1910.....	169,497	229	2.17	498	555,533	217	3.46	751
1911.....	172,585	246	2.13	524	649,750	211	3.50	738
1912.....	174,030	231	2.10	485	548,632	223	3.68	820
1913.....	176,745	257	2.02	520	571,899	232	3.61	837

No. 159.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1909, BY MONTHS AND BY INDUSTRIES.

[Source: Reports of the Bureau of the Census, Department of Commerce. The maximum month of employment for each industry is shown by black figures and the minimum month by italic figures.]

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.												Per cent minimum in month.	Per cent maximum in month.
		Jan-uary.	Feb-ruary.	March.	April.	May.	June.	July.	August.	Sep-tember.	Octo-ber.	Novem-ber.	Decem-ber.		
Agricultural implements.....	50,551	51,540	53,673	53,165	50,990	48,727	45,027	44,926	46,484	49,477	52,410	55,465	81.0	37.9	
Artificial flowers and feathers and plumes.....	10,019	10,046	10,552	10,302	9,658	8,741	8,507	8,507	10,241	10,957	10,820	10,672	76.7	76.7	
Artificial stone.....	9,866	4,866	5,221	10,445	12,027	12,748	12,759	12,858	12,785	11,719	9,613	7,607	81.4	75.2	
Artists' materials.....	658	612	689	637	642	628	622	614	691	725	725	752	81.4	81.4	
Automobiles, including bodies and parts.....	75,271	62,724	68,589	73,752	75,481	76,172	76,549	78,468	77,445	77,280	82,956	89,886	69.8	69.8	
Awnings, tents, and sails.....	4,222	3,770	3,912	3,906	5,249	6,483	5,177	4,525	4,110	3,889	3,619	3,697	57.8	57.8	
Axle grease.....	170	171	172	171	174	165	169	175	176	180	179	181	88.7	88.7	
Babbitt metal and solder.....	886	757	844	806	820	928	893	911	962	989	967	1,026	76.1	76.1	
Bags, other than paper.....	7,368	7,373	7,515	7,640	7,543	7,503	7,974	8,310	8,528	8,553	8,640	8,395	85.3	85.3	
Bags, paper.....	3,455	3,157	3,212	3,230	3,135	3,132	3,147	3,234	3,278	3,270	3,338	3,294	93.4	93.4	
Baking powders and yeast.....	2,453	2,154	2,153	2,140	2,115	2,165	2,072	2,040	2,201	2,226	2,243	2,287	90.0	90.0	
Baskets, and rattan and willow ware.....	7,204	2,097	4,448	4,703	5,284	5,270	5,071	4,957	4,697	4,197	4,042	4,176	75.2	75.2	
Beet sugar.....	3,006	2,465	2,952	2,943	3,432	3,643	3,605	3,645	3,725	3,715	4,007	4,233	13.1	13.1	
Beiting and hose, leather.....	6,319	5,980	6,052	6,043	6,289	6,889	6,915	6,952	6,992	6,106	3,164	3,210	89.2	89.2	
Beiting and hose, woven and rubber.....	4,437	6,118	6,284	6,240	6,133	6,119	6,104	6,319	6,353	6,466	6,668	6,798	89.8	89.8	
Bicycles, motor cycles, and parts.....	1,465	3,991	4,134	4,638	4,868	4,996	4,318	4,223	4,214	4,245	4,465	4,758	79.9	79.9	
Billiard tables and materials.....	1,465	1,500	1,496	1,547	1,538	1,522	1,445	1,524	1,470	1,456	1,530	1,521	90.1	90.1	
Blacking and cleansing and polishing prepara- tions.....	2,415	2,212	2,295	2,382	2,419	2,460	2,379	2,385	2,461	2,545	2,578	2,447	85.8	85.8	
Bluing.....	313	290	314	314	320	314	306	308	318	331	327	310	87.3	87.3	
Bone, carbon, and lampblack.....	298	219	215	215	228	231	228	233	234	243	235	237	88.5	88.5	
Bone and shoes, including cut stock and find- ings.....	198,297	199,019	202,095	199,778	192,507	192,119	195,929	200,184	199,572	199,556	200,977	207,452	91.8	91.8	
Boxes, cigar.....	6,115	16,921	16,551	17,433	17,510	17,601	17,670	16,687	17,965	18,386	18,423	18,423	89.3	89.3	
Boxes, cigar, rubber.....	6,091	6,091	6,071	5,971	5,916	5,957	5,988	6,196	6,393	6,393	6,393	6,393	87.5	87.5	
Boxes, fancy and paper.....	39,514	37,864	37,888	38,669	38,508	38,264	38,584	38,452	40,827	42,541	43,123	43,039	83.2	83.2	
Brass and bronze products.....	100,216	97,943	98,496	98,023	98,222	100,310	101,652	101,863	102,520	102,770	102,511	102,342	94.0	94.0	
Bread and other bakery products.....	76,528	96,659	96,016	93,023	95,222	96,992	100,017	104,839	102,093	84,514	66,633	55,200	36.5	36.5	
Brick and tile.....	5,322	5,372	5,313	5,231	5,073	5,035	4,778	4,646	4,903	7,190	7,360	7,338	87.6	87.6	
Brooms.....	6,989	6,989	7,014	6,941	6,938	6,742	6,778	6,646	6,903	7,190	7,360	7,338	88.5	88.5	
Brushes.....	18,431	15,191	15,277	15,768	15,859	16,313	16,392	16,392	20,065	18,302	17,571	16,343	84.8	84.8	
Butter, cheese, and condensed milk.....	285	301	277	277	285	282	282	282	303	303	305	292	87.1	87.1	
Butter, reworking.....	16,427	15,962	16,042	16,356	16,320	16,400	15,968	16,022	16,478	17,108	17,140	17,641	87.1	87.1	
Buttons.....	15	15	15	15	15	15	15	15	14	15	15	17	78.5	78.5	
Calcium lights.....	539	540	554	546	512	511	469	496	523	579	583	605	78.0	78.0	
Candles.....	539	540	554	546	512	511	469	496	523	579	583	605	78.0	78.0	

No. 159.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1909, BY MONTHS AND BY INDUSTRIES—Continued.

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.												Per cent of maximum month.
		Jan-uary.	Feb-ruary.	March.	April.	May.	June.	July.	August.	Sep-tember.	Octo-ber.	Novem-ber.	Decem-ber.	
Canning and preserving.....	59,968	19,998	21,268	23,015	26,390	31,139	45,270	63,516	127,741	154,800	105,257	59,727	34,536	12.9
Card cutting and designing.....	525	534	539	580	522	508	506	606	519	533	527	525	543	93.2
Carpets and rugs, other than rag.....	33,307	33,313	33,603	32,719	32,885	33,186	33,297	33,297	33,337	33,462	33,082	33,397	34,097	96.0
Carpets, rag.....	1,982	1,645	1,803	2,045	2,168	2,183	2,120	2,063	2,063	2,068	2,048	2,000	1,949	75.3
Carrages and sleds, children's.....	5,300	5,697	5,697	5,440	5,309	4,886	4,886	4,886	4,886	5,066	5,266	5,366	5,750	76.3
Carrages and wagons, and materials.....	69,928	66,567	69,390	72,892	73,240	72,171	69,618	69,618	68,326	67,894	67,949	68,857	70,427	90.9
Cars and general shop construction and repairs by steam-railroad companies.....	282,174	278,795	273,678	269,502	268,700	272,165	276,061	284,233	292,042	290,302	299,391	301,638	301,638	89.1
Cars and general shop construction and repairs by street-railroad companies.....	22,418	21,922	22,169	22,198	22,280	22,925	22,273	22,411	22,887	22,869	22,825	22,825	22,898	95.7
Cars, steam-railroad, not including operations of railroad companies.....	43,686	43,218	43,817	38,370	34,495	38,979	38,531	37,363	45,329	48,369	48,366	55,106	58,133	96.2
Cash registers not including operations of railroad companies.....	3,583	3,113	3,406	3,704	3,878	4,631	3,444	3,444	3,584	3,354	3,465	3,858	4,092	77.1
Cash registers and calculating machines.....	7,485	6,440	7,120	7,593	7,822	7,566	7,543	7,417	7,406	7,406	7,556	7,780	8,062	82.4
Cement.....	26,775	21,457	24,458	25,932	27,337	27,690	28,378	28,592	28,782	29,782	29,976	29,044	27,529	70.6
Charcoal.....	26,631	22,523	24,613	22,968	23,627	23,735	23,747	23,584	23,584	23,683	23,718	23,718	27,730	65.6
Chemicals.....	23,714	22,609	22,772	23,241	23,681	23,783	23,747	23,540	23,943	24,355	24,355	24,873	25,073	90.2
China decorating.....	328	316	322	342	320	342	312	309	320	320	345	334	343	86.4
Chocolate and cocoa products.....	2,826	2,924	2,924	2,865	2,796	2,667	2,304	2,463	2,883	3,094	3,094	3,094	3,133	72.4
Clocks and watches, including cases and materials.....	23,857	23,984	23,881	23,921	23,762	23,640	18,825	23,948	23,948	24,673	25,151	25,888	25,525	71.6
Cloth, sponging and refinishing.....	1,975	1,925	1,833	1,961	1,874	1,992	1,977	1,977	1,977	1,997	1,997	1,997	1,997	91.3
Clothing, horse.....	1,648	1,664	1,686	1,665	1,646	1,604	1,549	1,522	1,522	1,545	1,673	1,751	1,795	84.6
Clothing, men's, buttonholes.....	1,830	1,829	1,819	1,811	1,794	1,797	1,817	1,841	1,841	1,841	1,862	1,868	1,868	91.5
Clothing, men's, including shirts.....	239,696	230,650	235,015	238,435	238,060	239,941	236,846	237,758	241,225	244,225	244,127	247,169	251,349	91.8
Clothing, women's.....	153,743	147,075	160,066	158,188	146,342	138,548	152,024	148,121	163,278	167,525	161,975	152,801	152,801	80.6
Coffee and spice, roasting and grinding.....	7,480	7,309	7,341	7,371	7,354	7,408	7,470	7,410	7,711	7,800	7,800	7,579	7,579	93.7
Coffins, burial cases, and undertakers' goods.....	9,339	9,421	9,324	9,476	9,431	9,263	8,906	9,113	9,275	9,275	9,228	9,368	9,394	93.0
Coke.....	29,273	27,668	27,121	27,003	26,461	28,301	29,106	30,506	30,525	30,525	32,380	32,789	33,094	80.1
Confectionery.....	44,658	40,020	41,063	41,504	40,849	40,553	39,679	42,581	48,605	53,109	53,109	53,904	52,226	74.2
Cooperage and wooden goods, not elsewhere specified.....	26,269	25,739	26,092	25,618	25,836	25,596	25,159	25,866	26,669	27,869	27,869	27,447	27,568	90.3
Copper, tin, and sheet-iron products.....	73,615	64,128	66,244	69,203	70,780	74,593	74,854	77,614	79,129	79,129	78,365	76,635	77,230	81.0
Cordage and twine and jute and linen goods.....	25,820	26,337	26,994	26,449	26,084	25,688	25,712	25,200	25,703	25,539	24,815	25,522	25,522	91.1
Cordials and sirups.....	1,065	804	888	1,015	1,179	1,450	1,146	1,146	1,101	1,169	1,169	1,169	1,025	85.4
Cork, cutting.....	3,142	2,766	2,804	2,979	3,163	3,279	3,236	3,358	3,358	3,358	3,322	3,354	3,228	81.3
Corsets.....	17,364	16,847	17,206	17,616	17,585	17,221	17,224	17,355	17,360	18,354	18,354	18,167	18,065	92.3

Cotton goods, including cotton small wares.....	378,880	377,862	378,700	378,920	380,363	381,225	382,232	383,529	97.6
Cruicibles.....	335	310	327	330	347	337	340	360	86.1
Cutlery and tools, not elsewhere specified.....	32,996	32,643	31,655	32,639	32,964	33,901	34,559	35,588	89.0
Dairymen's, poultryers', and apiarists' supplies.....	5,039	5,213	4,748	4,268	4,183	4,365	4,476	4,838	72.8
Denims' materials.....	1,558	1,577	1,540	1,656	1,517	1,592	1,631	1,638	93.8
Drug grinding.....	1,918	1,955	1,957	1,917	1,916	1,944	1,937	1,916	81.4
Dyeing and finishing textiles.....	44,046	44,635	43,212	45,447	44,171	44,081	44,797	47,157	96.5
Dressinfs and extracts.....	2,361	2,430	2,344	2,478	2,453	2,324	2,450	2,439	92.5
Electrical machinery, apparatus, and supplies.....	87,257	81,693	86,050	88,133	87,829	95,466	99,239	98,668	78.0
Electroplating.....	2,044	2,624	2,575	2,595	2,882	2,882	2,880	2,871	86.1
Emery and other abrasive wheels.....	1,720	1,747	1,878	1,957	2,076	2,076	2,167	2,271	76.1
Enameling and japanning.....	1,858	1,950	2,145	2,218	2,366	2,366	2,379	2,315	77.5
Engravers' materials.....	1,122	1,121	1,131	1,130	1,134	1,139	1,143	1,143	78.3
Engraving and die-stamping.....	1,270	1,291	1,323	1,275	1,307	1,343	1,372	1,408	89.4
Engraving wood.....	315	312	320	321	327	318	312	330	93.6
Eyeglasses.....	5,813	5,804	6,407	6,548	6,880	6,799	6,899	7,106	77.5
Fancy articles, not elsewhere specified.....	10,997	11,739	11,345	13,045	13,794	13,794	13,123	13,823	79.7
Fertilizers.....	18,910	16,310	14,968	15,514	18,163	16,292	16,095	15,425	48.7
Files.....	4,158	4,127	4,166	4,112	4,166	4,212	4,301	4,329	94.0
Firearms and ammunition.....	14,307	14,965	14,456	14,622	14,883	14,843	14,650	14,411	96.3
Fire extinguishers, chemical.....	195	177	196	207	194	194	194	195	85.5
Fireworks.....	1,403	1,529	1,575	1,598	1,389	1,389	1,332	1,296	54.0
Flags, banners, regalia, society badges, and emblems.....	3,572	3,652	3,873	3,635	3,598	3,557	3,575	3,483	86.3
Flavoring extracts.....	1,229	1,195	1,270	1,285	1,254	1,250	1,237	1,250	87.0
Flax and hemp, dressed.....	164	179	139	87	113	164	206	183	83.0
Flour-mill and gristmill products.....	39,453	39,154	37,466	38,021	40,587	41,702	41,898	41,000	88.1
Food preparations.....	14,968	14,238	13,581	13,570	17,287	17,287	16,946	16,192	78.7
Foundry and machine-shop products.....	531,011	482,080	487,447	526,082	559,069	573,886	584,745	597,234	80.7
Foundry supplies.....	464	469	464	446	469	502	501	501	74.7
Fuel, manufactured.....	88	85	69	70	85	85	85	88	41.7
Fur goods.....	11,927	9,454	10,415	10,975	14,111	14,970	15,302	14,230	62.2
Furnishing goods, men's.....	38,482	38,692	37,884	37,684	40,141	40,141	41,115	40,446	85.9
Furniture and refrigerators.....	120,452	126,525	124,672	126,340	126,369	130,121	136,368	136,368	88.2
Furs, dressed.....	1,163	1,408	1,322	1,471	1,148	1,148	1,103	1,065	74.8
Galvanizing.....	1,241	1,231	1,368	1,432	1,543	1,568	1,475	1,482	83.5
Gas and electric fixtures and lamps and reflectors.....	18,861	17,804	17,474	18,373	19,373	20,457	21,000	21,198	73.7
Glass, illuminating and heating.....	37,215	32,662	34,314	37,422	38,496	38,800	37,566	37,123	80.6
Glass, cutting, staining, and ornamenting.....	68,911	72,921	79,692	79,088	49,229	43,896	71,746	81,065	49.3
Gloves and mittens, leather.....	9,301	9,424	9,080	9,290	9,681	9,915	9,912	9,932	86.1
Gloves and starch.....	10,885	11,445	11,528	11,323	11,583	11,661	11,961	12,007	88.8
Glue.....	4,827	4,664	4,574	4,693	4,812	5,169	5,398	5,325	77.4
Gold and silver, leaf and foil.....	3,265	3,370	3,317	3,304	3,249	3,304	3,304	3,325	75.6
Gold and silver, reducing and refining, not from the ore.....	1,883	1,362	1,376	1,387	1,374	1,428	1,439	1,417	91.9
Gold and silver, refining.....	450	487	445	456	455	455	458	463	94.5
Grapite and graphite retinning.....	160	139	157	168	177	177	174	182	73.1
Grease and tallow.....	4,357	4,073	4,166	4,274	4,535	4,575	4,510	4,555	89.0
Grindstones.....	1,394	1,204	1,665	1,644	1,488	1,479	1,541	1,547	47.7
Hardware.....	5,528	5,444	5,339	5,536	5,545	5,532	5,532	5,836	91.3
Hairwork.....	3,297	3,381	3,418	3,334	3,748	3,808	3,901	3,740	94.5
Hammocks.....	3,272	3,334	3,289	3,283	3,211	3,244	3,265	3,277	88.1

No. 159.—WAGE EARNERS IN MANUFACTURES, 1909, BY MONTHS AND BY INDUSTRIES—Continued.

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.												Per cent. mini- mum of num- ber of month.
		Jan- uary.	Feb- ruary.	March.	April.	May.	June.	July.	August.	Sep- tember.	Octo- ber.	Novem- ber.	Decem- ber.	
Hand stamps and stencils and brands.....	1,651	1,667	1,657	1,646	1,640	1,620	1,665	1,566	1,647	1,686	1,713	1,738	90.4	
Heat and cap materials.....	2,287	2,491	2,283	2,280	2,280	2,222	2,282	2,319	2,416	2,416	2,432	2,491	87.4	
Hats and caps, other than felt, straw, and wool.....	6,201	6,085	6,083	6,083	6,072	6,455	6,470	6,395	6,383	6,416	6,552	6,552	91.8	
Hats, fur-felt.....	25,064	25,987	26,924	26,590	26,590	24,538	27,588	27,588	28,216	28,276	28,552	28,552	68.7	
Hats, straw.....	8,814	10,850	11,488	11,392	9,387	6,533	4,700	6,732	7,073	7,008	7,008	9,609	40.9	
Hones and whetstones.....	152	171	178	176	188	184	89	99	132	147	155	173	56.2	
Horsehoes, not made in steel works or rolling mills.....	365	273	278	270	290	265	268	282	283	306	333	336	71.2	
Hosiery and knit goods.....	129,275	125,181	128,052	129,317	129,270	128,890	127,845	128,221	130,323	132,927	134,540	133,340	91.7	
House-furnishing goods, not elsewhere specified.....	4,907	4,654	4,673	4,707	4,650	4,750	4,874	5,002	5,202	5,247	5,448	5,292	84.8	
Ice, manufactured.....	16,114	10,983	11,803	14,923	18,061	20,875	22,872	22,644	21,403	16,526	13,020	11,392	43.1	
Ink, printing.....	1,121	1,069	1,110	1,133	1,103	1,115	1,115	1,145	1,137	1,195	1,131	1,141	96.0	
Ink, writing.....	505	1,426	1,460	1,542	1,530	1,472	1,507	1,556	1,578	1,578	1,538	1,458	68.0	
Instruments, professional and scientific.....	4,817	4,500	4,665	4,758	4,787	4,787	4,822	4,722	4,917	5,003	5,103	5,167	87.1	
Iron and steel, blast furnaces.....	38,429	34,755	34,156	33,453	34,606	36,537	37,429	38,182	41,988	43,841	45,092	46,727	71.6	
Iron and steel, steel works and rolling mills.....	240,076	216,349	215,076	217,307	218,424	235,533	234,151	242,077	253,925	269,235	274,525	283,629	75.8	
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills.....	11,345	10,624	10,779	10,854	10,690	11,075	10,999	10,842	11,826	12,166	12,507	12,908	82.0	
Iron and steel, doors and shutters.....	1,601	1,879	1,890	1,415	1,422	1,461	1,529	1,648	1,770	1,890	1,932	1,959	70.7	
Iron and steel forgings.....	8,168	7,551	7,410	7,405	7,406	7,695	7,508	7,712	8,636	9,287	9,755	10,147	73.0	
Iron and steel, nails, not made in steel works or rolling mills.....	2,765	2,769	2,761	2,762	2,760	2,748	2,760	2,775	2,743	2,762	2,820	2,834	96.0	
Iron and steel pipe, wrought.....	6,817	6,109	6,750	5,894	6,110	6,455	6,321	7,416	7,618	7,633	8,044	8,084	71.1	
Jewelry.....	30,347	30,156	29,445	28,119	28,609	28,728	28,129	29,309	31,747	33,259	33,716	33,809	83.2	
Jewelry and instrument cases.....	2,070	1,943	1,960	1,993	1,969	1,969	1,937	1,999	2,154	2,242	2,350	2,338	82.4	
Kaolin and ground earths.....	1,990	1,812	1,932	1,924	1,945	1,965	2,016	2,016	2,060	2,069	2,046	2,050	86.7	
Labels and tags.....	2,313	2,212	2,305	2,252	2,277	2,251	2,258	2,270	2,349	2,349	2,431	2,423	92.2	
Lapidary work.....	627	593	593	621	602	599	609	650	652	675	675	671	87.6	
Lard, refined, not made in slaughtering and meat-packing establishments.....	399	425	407	398	405	399	392	375	380	373	405	438	85.2	
Lassis.....	1,728	1,715	1,792	1,784	1,690	1,701	1,725	1,716	1,680	1,702	1,777	1,817	90.8	
Lead, bar, pipe, and sheet.....	802	745	774	807	824	819	817	829	882	840	827	781	88.7	
Leather goods.....	34,907	34,218	34,612	34,174	34,350	34,271	34,088	34,970	35,797	36,312	36,633	36,217	91.0	
Leather, tanned, curried, and finished.....	62,202	62,063	62,373	60,095	60,569	60,569	61,039	61,166	62,649	63,383	65,174	66,694	90.1	
Lime.....	13,897	10,665	11,072	14,447	14,795	14,541	15,264	15,547	15,547	15,187	14,522	14,522	88.6	
Liquors, distilled.....	6,430	7,235	7,179	6,987	6,590	6,513	6,232	5,303	5,576	6,115	6,540	7,454	89.3	
Liquors, malt.....	54,579	51,720	52,304	52,937	54,158	56,367	55,925	58,408	57,011	54,617	53,330	53,084	87.9	

Liquors, vinous.....	1,911	1,495	1,474	1,503	1,477	1,419	1,563	1,352	1,539	3,134	3,728	2,535	1,878	36.6
Locomotives, not made by railroad companies.....	14,969	13,211	13,526	13,471	13,415	12,045	13,537	15,566	15,248	15,763	16,677	17,116	18,232	71.6
Looking-glass and picture frames.....	5,021	5,566	5,975	6,047	5,814	5,570	5,704	5,676	6,001	6,272	6,482	6,650	6,411	83.7
Lumber and timber products.....	695,019	642,229	661,680	685,153	681,354	686,557	687,597	680,509	692,669	714,946	732,795	739,160	728,461	87.8
Malt.....	1,760	2,086	2,019	1,950	1,724	1,639	1,406	1,312	1,549	1,927	1,927	2,064	2,192	60.7
Marble and stone work.....	65,603	63,677	54,453	60,032	66,623	69,040	70,343	71,644	72,004	70,432	70,432	67,006	59,683	74.4
Matches.....	3,697	3,841	3,881	3,878	3,954	3,889	3,526	3,822	3,941	3,340	3,941	4,076	4,153	54.7
Mats and matting.....	8,681	8,841	9,061	8,979	1,001	1,032	967	941	891	8,907	8,879	8,657	9,067	85.4
Mattresses and spring beds.....	11,822	10,227	10,497	10,333	11,261	11,309	11,309	11,188	11,344	11,978	12,366	12,161	11,717	82.6
Millinery and lace goods.....	39,201	38,579	43,243	45,082	41,637	37,120	33,303	33,303	37,810	41,282	43,363	38,923	38,923	71.8
Mineral and soda waters.....	13,147	10,545	10,674	11,457	12,787	14,180	15,646	16,385	16,076	14,887	12,758	11,361	10,986	64.4
Mirrors.....	2,894	2,855	2,940	2,932	2,932	2,838	2,923	2,924	2,975	3,039	3,180	3,192	3,208	87.6
Models and patterns, not including paper patterns.....	4,171	3,962	4,041	4,093	4,083	4,032	3,973	4,007	4,075	4,019	4,449	4,532	4,627	85.6
Moving pictures.....	506	464	464	461	484	487	502	496	510	510	559	566	588	73.2
Musical instruments and materials, not elsewhere specified.....	538	519	522	548	542	547	522	527	542	542	568	568	536	91.4
Musical instruments, pianos and organs and where specified, pianos and organs and														
Needles, pins, and hooks and eyes.....	1,822	1,749	1,750	1,851	1,814	1,814	1,780	1,781	1,775	1,785	1,908	1,908	1,957	89.4
Natural materials.....	38,020	36,900	37,241	37,530	37,679	37,696	37,455	36,269	37,238	38,522	39,752	39,752	40,011	90.6
Oil, castor.....	113	54	58	57	56	58	50	49	50	47	58	56	59	73.4
Oil, cottonseed, and cake.....	17,077	25,067	22,388	18,032	11,190	7,448	5,635	5,474	6,038	16,958	28,203	29,324	28,677	17.6
Oil, essential.....	1,290	211	215	310	1,895	7,380	317	265	234	303	338	336	293	52.2
Oil, linseed.....	1,452	1,792	1,708	1,683	1,515	1,261	1,053	980	974	1,146	1,707	1,790	1,765	54.4
Oil, not elsewhere specified.....	1,715	1,673	1,680	1,680	1,695	1,676	1,729	1,703	1,718	1,735	1,768	1,789	1,788	93.3
Olefin and linoleum.....	5,201	5,083	5,110	5,100	5,097	5,133	5,158	5,169	5,221	5,282	5,351	5,321	5,435	98.0
Oleomargarine.....	6,006	6,622	6,622	6,627	6,602	5,701	5,949	5,888	5,660	6,085	6,636	6,659	6,682	77.7
Optical goods.....	6,398	6,525	6,527	6,455	6,571	6,450	6,322	6,080	6,150	6,156	6,337	6,378	6,556	92.4
Paper and wood pulp.....	14,240	15,222	13,825	14,360	14,635	14,692	14,582	14,202	14,141	14,236	14,444	14,296	14,231	96.0
Paper goods, not elsewhere specified.....	75,678	74,985	75,730	76,291	75,983	77,015	76,829	75,069	74,517	75,147	76,026	76,717	77,430	96.2
Paper patterns.....	19,211	18,554	18,791	19,022	19,170	19,061	18,969	18,797	18,721	19,193	19,704	20,218	20,309	91.4
Patent medicines and compounds and druggists' preparations.....	893	909	909	907	915	853	832	802	829	1,042	980	967	932	81.3
Peas, grading, roasting, cleaning and shell-														
ing.....	22,895	22,526	22,898	23,138	23,138	22,672	21,942	21,406	21,540	22,829	23,865	24,202	24,202	87.9
Pencils, lead.....	1,949	2,272	2,243	2,180	2,078	1,890	1,767	1,715	1,884	1,603	1,769	2,269	2,237	60.9
Pens, fountain, stylographic and gold.....	4,134	3,760	3,803	3,867	4,032	4,076	4,143	4,258	4,250	4,312	4,344	4,361	4,391	85.8
Pens, steel.....	1,225	1,157	1,241	1,228	1,228	1,207	1,193	1,206	1,248	1,263	1,278	1,268	1,268	90.5
Petroleum, refining.....	699	686	683	686	686	694	694	694	697	703	734	715	729	93.7
Photographs and graphophones.....	13,079	12,952	13,079	13,076	13,206	13,617	14,156	14,156	14,221	14,434	15,022	15,249	14,805	84.9
Photographic apparatus and materials.....	5,000	5,020	5,000	5,020	5,020	4,538	4,466	4,466	4,460	4,929	5,478	5,399	5,399	67.6
Photo-engraving.....	4,798	4,817	5,133	5,133	5,238	5,303	5,422	5,340	5,298	5,405	5,459	5,459	5,459	86.2
Pipes, tobacco.....	5,543	5,114	5,231	5,245	5,276	5,327	5,395	5,261	5,395	5,468	5,454	5,541	5,653	90.3
Pottery, terra-cotta, and fire-clay products.....	2,775	2,640	2,640	2,683	2,783	2,875	2,867	2,867	2,884	2,884	2,883	2,806	2,772	89.4
Printing and publishing.....	56,188	52,284	54,410	55,088	55,509	56,094	56,456	57,715	58,299	59,200	59,200	59,200	59,200	84.9
Pulp goods.....	258,434	257,342	258,796	258,796	258,796	255,470	253,500	251,767	252,542	258,702	263,715	266,864	266,864	93.3
Pumps, not including steam pumps.....	2,130	2,189	2,157	2,108	2,037	2,085	2,035	2,130	2,064	2,079	2,094	2,246	2,349	96.7
Rice, cleaning and polishing.....	1,330	1,513	1,433	1,240	1,090	642	487	436	422	1,750	2,047	2,047	1,753	21.6

No. 159.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1909, BY MONTHS AND BY INDUSTRIES—Continued.

Industry.	Wage earners employed on the 15th day of each month or nearest representative day.												Per cent. min-imums of man-imum month.	
	Average number employed during year.	Jan-uary.	Feb-ruary.	March.	April.	May.	June.	July.	August.	Sep-tember.	Octo-ber.	Novem-ber.		Decem-ber.
Roofing materials.	2,465	2,177	2,204	2,342	2,465	2,494	2,408	2,424	2,465	2,694	2,753	2,635	2,522	79.1
Rubber goods, not elsewhere specified.	26,521	24,067	24,640	25,481	26,294	26,061	26,003	26,302	26,322	27,702	27,712	28,546	29,111	82.6
Shoes, ivory and wood.	109	113	115	114	104	104	100	103	106	108	108	114	111	87.0
Sizes and vaults.	3,343	3,201	3,219	3,247	3,253	3,248	3,248	3,248	3,309	3,382	3,455	3,474	3,432	80.7
Salt.	4,936	4,340	4,462	4,846	4,977	4,984	5,132	5,226	5,192	5,192	5,158	5,076	4,630	82.0
Sand and emery paper and cloth.	611	660	688	730	751	751	751	751	751	751	751	751	751	71.2
Saws.	4,332	4,705	4,777	4,709	4,631	4,707	4,719	4,810	4,848	4,881	4,881	5,082	5,113	81.9
Scales and balances.	3,553	3,367	3,387	3,479	3,558	3,558	3,503	3,503	3,667	3,704	3,715	3,636	3,401	87.8
Screws, machine.	1,007	1,400	1,492	1,531	1,531	1,558	1,607	1,607	1,715	1,824	1,871	1,920	1,940	71.0
Screws, wood.	3,464	3,210	3,312	3,325	3,306	3,343	3,408	3,488	3,506	3,524	3,569	3,708	3,871	82.9
Sewing machines, cases, and attachments.	19,296	18,012	18,685	19,007	19,297	19,405	19,439	19,439	19,654	19,683	19,683	20,132	20,564	86.4
Shipbuilding, including boat building.	40,506	38,516	37,565	39,922	42,244	42,244	41,630	40,190	39,149	40,283	41,151	41,023	42,073	88.9
Shoddy.	2,041	1,680	2,025	2,041	2,010	2,024	2,040	2,035	2,003	2,033	2,070	2,077	2,163	91.9
Show cases.	3,390	3,197	3,270	3,364	3,354	3,334	3,331	3,339	3,357	3,471	3,533	3,551	3,558	80.9
Signs and advertising novelties.	5,540	4,563	5,040	5,187	5,454	5,376	5,609	5,591	5,610	5,471	5,841	5,989	6,152	83.1
Silk and silk goods, including throwsters.	99,037	97,170	99,473	100,753	100,314	99,312	97,782	99,781	98,351	99,528	99,620	99,469	100,294	95.8
Silverware and plated ware.	16,010	14,945	15,531	15,807	15,952	15,983	16,214	14,660	16,782	17,802	18,720	18,782	18,081	83.5
Slaughtering and meat packing.	89,728	94,752	92,266	87,658	84,676	84,420	86,761	86,619	86,401	89,415	89,564	94,527	93,934	87.9
Smelting and refining, copper.	15,628	16,031	15,863	15,585	15,656	15,420	15,397	15,761	14,839	15,943	15,813	15,704	15,284	92.9
Smelting and refining, lead.	7,424	6,651	7,285	7,231	7,671	7,100	7,468	7,415	7,447	7,470	7,390	7,360	7,459	80.2
Smelting and refining, zinc.	6,655	6,084	6,339	6,511	6,597	6,497	6,591	6,736	6,742	6,822	6,968	6,983	7,153	86.8
Smelting and refining, not from the ore.	2,147	1,975	2,183	2,281	2,633	2,192	2,036	1,960	1,882	2,077	2,114	2,402	2,412	86.8
Soap.	12,989	12,857	12,671	12,881	12,843	12,476	12,653	13,001	13,105	13,070	13,475	13,640	13,650	90.4
Soda-water apparatus.	1,578	1,681	1,681	1,884	2,017	2,138	1,979	1,708	1,517	1,714	1,768	1,777	1,791	79.1
Sporting and athletic goods.	5,321	5,369	5,331	5,501	5,585	5,478	5,040	5,033	4,694	5,142	5,263	5,422	5,604	83.3
Springs, steel, car and carriage.	3,196	3,061	3,170	3,156	3,208	3,010	3,025	3,038	3,199	3,375	3,393	3,422	3,494	79.9
Stationery goods, not elsewhere specified.	6,206	6,294	6,827	6,130	6,248	6,208	6,290	6,292	6,314	6,659	6,435	6,397	6,288	87.4
Stationary and art. goods.	1,639	1,634	1,555	1,608	1,676	1,531	1,722	1,751	1,781	1,629	1,817	1,793	1,768	83.3
Steam packing.	3,648	3,603	3,509	3,512	3,384	3,354	3,361	3,364	3,496	3,785	4,071	4,274	4,284	77.3
Stereotyping and electrotyping.	2,850	2,737	2,817	2,830	2,856	2,838	2,831	2,802	2,792	2,873	2,921	2,928	2,923	95.4
Stoves and furnaces, including gas and oil stoves.	37,130	37,191	36,121	37,715	37,570	37,288	37,422	35,784	37,741	39,534	40,106	39,950	38,995	72.9
Sugar and molasses.	4,197	1,498	5,559	3,715	3,788	3,788	3,422	1,122	3,740	3,222	4,016	4,242	4,115	3.5
Sugar refining, not including beet sugar.	9,399	8,633	8,633	9,809	9,652	9,574	8,926	8,926	9,611	9,683	9,683	9,950	9,948	79.7
Surgical, miric, and mixers.	2,227	2,227	2,131	2,212	2,249	2,249	2,300	2,300	2,213	2,291	2,327	2,388	2,315	91.5
Superphosphates and artificial fertilizers.	2,241	4,020	4,061	4,108	4,125	4,303	4,303	4,303	4,303	4,332	4,433	4,433	4,433	96.2
Tin plate and tinned plate.	5,352	4,924	5,157	5,168	5,168	5,168	4,777	5,079	5,215	5,494	5,682	5,682	5,986	82.6
Tin foil.	883	647	676	671	680	680	681	678	680	681	710	710	700	91.6
Tobacco manufactures.	108,810	161,671	162,606	164,460	161,689	168,392	164,691	164,811	165,993	168,393	171,959	175,315	176,569	91.6

Toys and games.....	5,205	3,716	4,194	4,443	4,847	5,114	5,580	5,984	6,205	6,505	6,376	5,328	57.1
Turpentine and rosin.....	39,511	37,112	37,340	38,489	39,974	40,378	40,555	40,634	40,378	39,749	39,597	39,343	91.3
Type-founding and printing materials.....	2,026	1,848	1,850	1,946	1,958	2,009	2,076	2,053	2,039	2,159	2,177	2,195	84.2
Typewriters and supplies.....	9,578	9,479	9,733	10,037	10,117	9,838	9,487	8,281	9,845	10,069	10,188	10,184	74.8
Umbrellas and canes.....	5,472	5,132	5,375	5,449	5,347	5,241	5,111	5,409	5,663	5,932	6,019	5,904	84.4
Upholstering materials.....	4,067	3,868	3,940	4,012	4,050	4,052	4,103	3,963	4,050	4,228	4,249	4,291	90.1
Vault lights and ventilators.....	327	270	270	272	291	291	307	338	390	354	403	379	67.0
Vinegar and cider.....	1,542	921	891	886	889	888	1,057	1,159	2,130	3,484	3,453	1,852	25.6
Wall paper.....	4,037	4,395	4,392	4,337	4,126	3,810	3,546	3,484	3,904	4,414	4,535	4,661	60.7
Wall plaster.....	4,791	4,232	4,791	4,901	4,901	4,959	4,946	4,845	4,984	4,984	4,875	4,754	84.3
Wasting machines and clothes wringers.....	1,835	1,729	1,784	1,862	1,873	1,874	1,867	1,865	1,833	1,904	1,865	1,879	87.4
Waste.....	1,897	1,860	1,914	1,949	1,867	1,890	1,873	1,892	1,855	1,915	1,951	1,951	94.1
Wheelbarrows.....	1,864	629	649	688	679	643	629	672	741	690	741	762	75.1
Whips.....	1,546	1,511	1,525	1,573	1,540	1,568	1,547	1,553	1,569	1,595	1,594	1,489	93.4
Windmills.....	2,337	1,987	2,193	2,296	2,362	2,384	2,476	2,459	2,602	2,836	2,270	2,226	79.2
Window shades and fixtures.....	3,930	4,073	4,033	4,055	3,958	3,933	3,915	3,895	3,813	3,992	3,980	3,989	88.0
Wire.....	18,084	17,763	18,147	17,804	17,457	17,832	17,862	17,894	18,203	18,530	19,091	19,641	87.2
Wirework, including wire rope and cable.....	12,348	11,671	11,979	12,153	12,251	12,218	11,911	12,136	12,483	12,871	13,095	13,229	87.5
Wood carpet.....	12,184	11,177	11,177	11,171	11,171	11,183	202	199	202	188	174	168	79.8
Wood distillation, not including turpentine and rosin.....	2,721	2,800	2,868	2,807	2,754	2,626	2,563	2,519	2,604	2,707	2,869	2,953	81.2
Wood preserving.....	2,403	2,076	2,198	2,214	2,312	2,297	2,572	2,896	2,592	2,545	2,455	2,280	77.0
Wood turned and carved.....	14,139	14,324	14,486	14,567	14,139	13,760	13,557	13,557	13,757	14,152	14,799	14,364	89.4
Wood pulping.....	631	625	653	659	680	580	572	643	626	635	763	759	71.8
Wool scouring.....	1,142	975	943	922	933	1,061	1,138	1,193	1,293	1,332	1,375	1,454	64.3
Woolen, worsted, and felt goods, and wool hats.....	168,722	153,913	161,120	165,585	166,851	168,015	171,946	170,818	171,747	173,321	173,943	172,693	61.3
All other industries.....	96	68	77	100	115	98	86	103	116	85	102	96	53.6
Total.....	6,615,046	6,210,963	6,237,627	6,423,517	6,437,033	6,457,273	6,517,469	6,486,676	6,636,933	6,698,765	7,006,853	6,960,652	88.6

No. 160.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1909, BY MONTHS, BY STATES, AND BY GEOGRAPHIC DIVISIONS.

[Source: Reports of the Bureau of the Census, Department of Commerce. The maximum month of employment is shown by black figures and the minimum month by italic figures.]

State.	Wage earners employed on the 15th day of each month, or nearest representative day.												Per cent minimum of maximum month.	
	Average number employed during year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.		December.
Alabama.....	72,148	70,620	70,304	71,048	69,168	67,661	67,667	68,902	72,163	75,507	77,196	77,854	77,888	86.8
Arizona.....	6,441	6,003	6,024	6,008	6,048	6,439	6,880	6,888	6,845	6,640	6,634	6,452	6,360	87.2
Arkansas.....	44,982	47,292	47,500	42,845	42,301	41,415	42,384	44,840	49,802	49,582	49,802	48,550	47,683	82.9
California.....	115,206	94,747	94,953	100,372	108,437	115,839	119,911	124,886	131,202	132,280	129,864	121,486	110,281	71.3
Colorado.....	28,067	27,962	27,481	25,374	25,531	25,835	27,059	28,009	28,238	28,416	31,026	32,050	32,694	78.6
Connecticut.....	210,732	201,545	199,395	202,523	203,569	205,198	208,732	206,295	211,295	218,637	222,052	224,244	225,862	88.2
Delaware.....	21,238	19,220	19,470	19,168	19,366	19,237	20,480	19,572	21,331	24,376	25,623	21,557	22,452	72.7
District of Columbia.....	7,707	7,427	7,445	7,535	7,619	7,774	7,703	7,785	7,732	7,840	7,949	7,851	7,753	93.4
Florida.....	57,473	56,016	56,414	56,596	56,371	56,855	56,195	56,182	56,276	58,035	59,487	60,661	60,585	92.3
Georgia.....	104,588	103,477	107,544	108,271	102,881	98,622	93,445	99,518	102,577	106,063	107,857	109,012	104,839	89.8
Idaho.....	8,220	6,145	6,039	7,270	8,279	8,664	8,929	8,939	8,606	8,690	9,625	8,971	8,507	63.3
Illinois.....	465,764	438,401	442,881	452,563	455,145	454,965	459,375	454,410	460,414	481,796	493,928	496,452	488,640	88.0
Indiana.....	186,984	174,471	177,371	181,151	182,641	182,228	183,167	175,838	188,311	198,263	201,481	199,897	200,915	85.6
Iowa.....	61,635	59,669	56,081	57,912	60,328	61,440	62,581	62,215	66,408	68,006	64,097	62,895	62,018	81.8
Kansas.....	44,215	41,957	41,621	42,554	42,697	43,462	44,441	44,075	44,817	46,106	46,679	46,594	46,228	88.6
Kentucky.....	65,400	61,119	62,345	63,728	64,826	64,754	63,767	63,144	65,833	68,637	69,476	68,510	68,510	88.0
Louisiana.....	76,165	71,118	69,620	72,227	71,911	70,650	72,065	73,270	73,576	74,272	83,413	90,630	91,814	75.8
Maine.....	79,955	76,737	77,541	77,956	77,732	81,355	79,315	76,489	78,086	85,603	84,468	84,668	84,468	89.5
Maryland.....	97,921	89,070	97,225	99,541	103,753	103,000	108,652	105,116	124,505	133,268	118,475	106,932	105,514	71.3
Massachusetts.....	584,559	566,760	572,618	576,519	576,618	576,379	576,055	573,462	581,008	594,636	601,533	604,466	612,615	92.4
Michigan.....	231,699	211,679	218,230	223,087	222,273	226,311	229,058	232,023	235,804	240,310	241,912	246,739	250,078	84.6
Minnesota.....	46,767	79,913	80,909	82,081	81,134	82,952	85,133	84,667	85,847	90,620	90,620	89,503	86,896	88.2
Mississippi.....	50,334	49,148	49,511	49,839	47,851	49,778	48,198	47,237	50,341	53,195	55,387	56,436	55,285	80.1
Missouri.....	152,993	141,263	145,022	148,776	147,973	148,653	150,028	150,969	157,351	163,514	161,110	161,540	160,294	86.4
Montana.....	11,655	10,873	10,900	10,874	10,874	11,292	11,195	11,550	11,841	12,435	13,127	12,996	12,000	82.1
Nebraska.....	24,326	23,133	23,263	22,994	23,744	24,277	24,742	24,742	25,625	28,945	25,373	24,929	24,251	85.3
Nevada.....	2,257	2,107	2,116	2,140	2,190	2,244	2,265	2,349	2,398	2,341	2,390	2,302	2,247	97.9
New Hampshire.....	78,438	79,627	79,627	79,519	77,697	78,132	78,021	76,324	76,957	80,108	80,108	80,797	80,936	94.3
New Jersey.....	326,223	313,216	318,401	321,801	321,883	321,876	321,969	318,216	323,506	334,710	341,569	342,786	343,389	91.2
New Mexico.....	4,143	3,668	3,676	3,775	3,965	4,108	4,142	4,389	4,532	4,591	4,346	4,320	4,273	78.8

New York	1,008,981	945,856	871,236	991,363	989,493	982,987	980,503	977,203	598,806	1,041,233	1,063,182	1,059,852	1,045,110	88.9
North Carolina	121,473	117,677	112,464	128,323	129,828	118,441	117,711	118,932	120,417	123,496	126,265	127,777	124,754	90.9
North Dakota	2,789	2,396	2,386	2,443	2,580	2,516	2,501	2,604	2,880	2,937	3,033	3,055	2,980	77.2
Ohio	446,934	414,278	421,645	432,343	432,828	436,453	444,998	465,241	448,808	465,351	474,448	476,023	480,405	86.2
Oklahoma	13,143	11,826	11,732	12,287	12,285	12,518	12,495	13,153	13,465	13,826	14,669	14,351	14,505	80.4
Oregon	28,554	24,833	24,833	26,893	29,179	30,302	30,806	30,175	30,978	30,402	29,423	29,423	28,416	75.4
Pennsylvania	877,543	819,927	805,082	835,617	844,230	850,373	807,526	860,425	873,808	911,802	933,852	947,098	960,666	85.3
Rhode Island	113,538	108,773	109,615	111,924	111,920	111,652	112,535	111,571	116,116	118,007	119,104	119,104	119,104	91.3
South Carolina	73,464	73,774	75,696	76,373	72,682	70,310	70,283	70,708	70,441	71,951	73,906	74,755	75,585	92.0
South Dakota	3,042	3,235	3,235	3,374	3,373	3,543	3,763	3,824	3,779	3,925	3,860	3,860	3,572	79.2
Tennessee	73,840	69,805	69,674	71,073	70,666	69,712	70,123	71,155	74,956	78,850	80,011	80,876	79,587	85.9
Texas	70,290	68,863	66,485	68,652	67,772	66,070	68,037	69,153	69,192	78,196	80,201	75,646	75,258	82.4
Utah	11,412	10,449	10,430	10,984	10,740	11,740	11,968	12,429	12,224	13,277	13,070	13,070	12,053	78.7
Vermont	33,738	33,013	33,710	34,297	34,288	34,317	34,134	32,873	33,350	34,008	34,392	34,877	32,819	98.3
Virginia	105,678	94,885	97,714	101,750	104,833	104,865	103,036	104,231	110,659	115,998	112,276	109,216	107,032	81.3
Washington	69,120	64,719	60,413	66,778	71,091	72,717	72,990	70,744	72,990	73,617	73,949	72,614	67,645	74.0
West Virginia	63,893	56,191	57,393	62,456	62,456	62,665	65,467	62,187	68,299	69,202	68,647	68,647	68,056	81.2
Wisconsin	122,583	174,937	173,091	179,091	173,561	176,625	180,691	184,290	185,556	188,664	191,447	192,527	192,527	90.1
Wyoming	2,867	2,495	2,481	2,642	2,642	2,783	2,983	2,957	3,042	3,132	3,081	3,137	3,065	79.1
Total	6,615,046	6,210,063	6,297,627	6,423,517	6,437,633	6,457,279	6,517,469	6,486,676	6,656,933	6,898,765	6,997,090	7,006,853	6,990,652	83.6
<i>Geographic divisions.<sup>1</sup></i>														
New England	1,101,290	1,064,256	1,071,906	1,085,698	1,081,244	1,087,333	1,088,312	1,077,016	1,093,558	1,126,736	1,141,593	1,147,951	1,149,871	92.6
Middle Atlantic	2,207,747	2,076,441	2,109,534	2,145,651	2,155,611	2,156,236	2,169,998	2,155,844	2,196,710	2,287,845	2,333,583	2,350,336	2,349,165	88.4
East North Central	1,513,764	1,411,963	1,438,518	1,465,151	1,469,448	1,477,079	1,497,289	1,481,822	1,518,933	1,571,352	1,600,433	1,610,388	1,622,565	87.0
West North Central	374,387	346,774	352,517	360,134	361,835	366,543	373,619	373,496	386,710	396,063	394,772	392,382	388,209	86.9
South Atlantic	663,015	623,061	637,365	650,087	646,559	641,772	648,032	644,252	682,609	699,110	696,416	685,680	685,680	87.6
East South Central	261,772	250,192	252,224	255,688	252,511	247,286	245,649	250,453	276,289	284,070	284,070	283,605	281,068	87.0
West South Central	204,520	192,802	189,367	195,401	194,359	190,663	195,352	200,410	205,783	210,879	209,679	209,679	209,679	82.6
Mountain	78,468	70,754	66,672	66,608	66,608	66,672	73,511	77,607	74,236	79,591	83,149	82,549	80,549	80.2
Pacific	213,166	172,820	179,504	194,069	203,707	218,893	222,876	223,865	234,401	236,875	234,215	223,523	206,342	73.0

<sup>1</sup> For States included in each division, see note 5, p. 25.

**NO. 161.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, CLASSIFIED ACCORDING TO PREVAILING HOURS OF LABOR, 1909.**  
 [Source: Reports of the Bureau of the Census, Department of Commerce.]

Prevailing hours of labor per week.	Per cent of total.		Prevailing hours of labor per week.		Per cent of total.
	Average number employed.	Per cent of total.	Between 60 and 72 hours	Average number employed.	
48 hours and under	523,632	7.9	Between 60 and 72 hours	344,011	5.2
Between 48 and 54 hours	481,137	7.3	72 hours	116,063	1.8
54 hours	1,019,438	15.4	Over 72 hours	114,113	1.7
Between 54 and 60 hours	1,999,307	30.2	Total	6,615,046	100.0
60 hours	2,017,280	30.5			









No. 163.—WAGES AND HOURS OF LABOR: RELATIVE FULL-TIME HOURS PER WEEK, RELATIVE RATE OF WAGES PER HOUR, AND RELATIVE FULL-TIME WEEKLY EARNINGS IN SELECTED INDUSTRIES, PRECEDING YEARS COMPARED WITH 1913.

[Source: Reports of the Bureau of Labor Statistics, Department of Labor. The figures are based on data obtained from representative manufacturing establishments in the United States. The data extend from 1913 back to different years in the several industries, varying from 1911 to 1907. The relative hours are percentages which indicate the change in the regular full-time working hours per week, account not being taken of loss of time from slack work or other causes. The relative wages are percentages which indicate the change in wages per hour and earnings per full-time week. Hours and rates for 1913=100.0. The figures are based on the scale prevailing May 15 each year.]

Industry.	Year.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative full-time weekly earnings.	Industry.	Year.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative full-time weekly earnings.
Boot and shoe manufacturing.	1910	102.7	89.8	91.9	Iron and steel manufacturing—Con. Blooming mills.....	1910	101.0	83.9	84.8
	1911	102.5	91.8	93.7		1911	100.4	84.8	85.8
	1912	100.9	92.5	93.1		1912	100.4	89.5	89.8
	1913	100.0	100.0	100.0		1913	100.0	100.0	100.0
Car building and repairing.	1910	101.1	91.0	91.8	Plate mills.....	1910	99.3	88.8	87.7
	1911	100.4	94.0	94.3		1911	98.7	85.6	84.5
	1912	100.7	94.1	94.8		1912	99.6	91.6	91.1
	1913	100.0	100.0	100.0		1913	100.0	100.0	100.0
Cigar manufacturing.	1911	(1)	91.9	(1)	Standard rail mills..	1910	104.3	88.9	91.3
	1912	(1)	95.7	(1)		1911	99.7	89.2	88.6
	1913	(1)	100.0	(1)		1912	99.9	89.6	89.4
						1913	100.0	100.0	100.0
Clothing manufacturing, men's.	1911	105.0	86.0	90.3	Bar mills.....	1907	101.6	91.5	92.4
	1912	105.4	88.1	92.3		1908	101.1	82.2	83.0
	1913	100.0	100.0	100.0		1909	102.1	83.8	84.8
						1910	101.8	92.8	93.8
Cotton goods manufacturing.	1910	101.7	89.8	87.0	Sheet mills.....	1911	100.9	84.5	84.8
	1911	101.7	90.3	87.5		1911	99.3	92.3	92.2
	1912	100.0	99.3	98.9		1912	99.6	95.1	94.9
	1913	100.0	100.0	100.0		1913	100.0	100.0	100.0
Cotton goods finishing.	1911	100.9	97.9	98.8	Tin-plate mills.....	1910	100.0	85.0	85.0
	1912	100.2	100.3	100.5		1911	99.3	95.0	94.9
	1913	100.0	100.0	100.0		1912	99.6	96.4	96.3
						1913	100.0	100.0	100.0
Furniture manufacturing.	1910	102.8	92.7	96.1	Lumber manufacturing.	1910	100.5	94.6	94.9
	1911	102.1	94.5	97.3		1911	100.5	94.9	95.3
	1912	101.6	96.5	98.2		1912	100.7	96.2	96.7
	1913	100.0	100.0	100.0		1913	100.0	100.0	100.0
Hosiery and underwear manufacturing.	1910	103.8	87.2	90.6	Millwork manufacturing.	1910	100.9	94.2	94.9
	1911	103.6	87.5	91.1		1911	100.9	95.3	96.2
	1912	101.8	93.0	94.8		1912	100.4	97.7	98.0
	1913	100.0	100.0	100.0		1913	100.0	100.0	100.0
Iron and steel manufacturing: Blast furnaces.....	1907	103.0	87.1	89.8	Silk goods manufacturing.	1910	101.4	89.5	90.8
	1908	101.5	83.1	84.6		1911	101.3	90.8	91.9
	1909	102.4	82.1	83.9		1912	100.4	91.5	94.7
	1910	102.5	88.6	90.5		1913	100.0	100.0	100.0
	1911	101.5	90.2	91.3	Woolen and worsted goods manufacturing.	1910	101.6	91.5	92.5
	1912	99.0	92.3	89.8		1911	101.3	91.1	92.8
	1913	100.0	100.0	100.0		1912	100.2	102.1	102.3
						1913	100.0	100.0	100.0
Bessemer converters	1907	102.9	83.9	86.4					
	1908	98.7	78.0	79.1					
	1909	102.6	81.3	84.1					
	1910	103.4	84.9	88.0					
	1911	101.0	81.2	83.9					
	1912	100.7	89.8	90.2					
1913	100.0	100.0	100.0						
Open-hearth furnaces.	1910	99.4	88.2	88.2					
	1911	96.9	88.2	85.0					
	1912	98.6	91.9	90.8					
	1913	100.0	100.0	100.0					

<sup>1</sup> No data available.

# INTERNAL COMMUNICATION AND TRANSPORTATION.

## No. 164.—PUBLIC ROADS: MILEAGE, REVENUES, AND EXPENDITURES FOR YEARS SPECIFIED, BY STATES.

[Source: Division of Road Economics, Office of Public Roads, Department of Agriculture.]

State.	Total mileage of all roads, 1914. <sup>1</sup>	Total mileage of surfaced roads, 1914. <sup>1</sup>	Per cent of roads im-proved, 1914.	Miles of road built by State convict labor, 1913.	Automobile revenues, 1913.	Expenditures.		
						Total State, 1913.	Cash road and bridge ex-pen-ditures of counties, districts, and town-ships, 1912.	
					<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	
Alabama.....	49,639	5,491	11.1	.....	\$ 23,000.00	127,005	1,044,004	
Arizona.....	5,987	354	5.9	6	\$ 17,416.00	274,631	200,000	
Arkansas.....	36,445	1,085	3.0	.....	\$ 27,545.00	25,000	1,586,050	
California.....	48,069	8,788	18.3	.....	\$ 175,000.00	2,032,084	9,902,160	
Colorado.....	30,571	304	1.0	50	\$ 56,520.00	473,246	1,469,690	
Connecticut.....	12,582	3,100	24.7	.....	\$ 316,066.76	3,483,575	1,260,000	
Delaware.....	3,000	221	7.4	1	\$ 24,735.00	30,000	332,480	
Florida.....	17,954	2,175	12.1	.....	.....	.....	1,500,000	
Georgia.....	33,936	12,000	14.2	1 400	\$ 12,000.00	.....	2,760,000	
Idaho.....	18,403	511	2.8	.....	\$ 35,160.00	68,000	760,000	
Illinois.....	93,141	9,000	9.6	1	\$ 107,134.78	100,000	6,500,000	
Indiana.....	64,370	26,831	42.3	.....	\$ 518,245.00	.....	8,877,553	
Iowa.....	104,027	2,505	2.4	.....	\$ 787,411.08	53,000	7,500,000	
Kansas.....	98,302	374	.4	.....	\$ 186,068.06	9,500	5,165,360	
Kentucky.....	58,000	10,636	18.3	.....	\$ 52,000.00	15,000	\$ 1,933,000	
Louisiana.....	24,962	567	2.3	.....	.....	111,000	2,147,063	
Maine.....	25,528	3,044	11.9	.....	\$ 135,635.00	563,541	1,482,748	
Maryland.....	17,025	2,376	14.0	.....	\$ 144,930.25	1,589,253	1,000,000	
Massachusetts.....	17,272	8,845	51.2	.....	\$ 629,242.00	2,266,068	2,350,000	
Michigan.....	68,906	8,177	11.9	.....	\$ 190,328.75	355,757	5,725,000	
Minnesota.....	79,323	6,206	7.3	.....	\$ 140,000.00	503,186	3,000,000	
Mississippi.....	44,072	345	.8	.....	(4)	.....	2,000,000	
Missouri.....	107,023	4,750	4.4	.....	\$ 173,510.50	408,192	4,650,516	
Montana.....	23,319	95	.4	45	\$ 8,700.00	2,484	1,532,788	
Nebraska.....	80,338	249	.3	.....	\$ 126,000.00	\$ 52,428	2,278,188	
Nevada.....	12,751	62	.5	.....	\$ 3,322.94	.....	160,000	
New Hampshire.....	15,116	1,876	12.4	.....	\$ 141,151.64	475,449	1,000,000	
New Jersey.....	14,842	4,500	30.3	.....	\$ 636,543.07	1,131,891	3,629,773	
New Mexico.....	16,020	705	4.2	.....	\$ 12,302.73	121,631	300,000	
New York.....	79,600	22,000	27.5	.....	\$ 1,275,727.27	13,820,034	6,933,694	
North Carolina.....	48,285	3,449	7.0	.....	\$ 160,000.00	5,000	2,333,942	
North Dakota.....	61,503	161	.3	.....	\$ 35,010.03	.....	1,023,569	
Ohio.....	83,681	28,312	33.8	.....	\$ 395,063.23	738,174	7,350,000	
Oklahoma.....	71,325	499	.7	.....	\$ 1,300.00	5,000	3,374,180	
Oregon.....	35,896	4,941	13.7	.....	\$ 43,476.08	5,008	3,254,665	
Pennsylvania.....	87,387	3,476	4.0	.....	\$ 241,062.41	4,606,232	5,864,718	
Rhode Island.....	2,121	1,246	58.8	.....	\$ 123,851.00	715,664	281,775	
South Carolina.....	45,549	4,888	17.3	.....	.....	.....	1,000,000	
South Dakota.....	56,354	286	.5	.....	\$ 89,170.00	.....	1,250,000	
Tennessee.....	45,913	5,354	11.7	.....	\$ 9,000.00	.....	2,000,000	
Texas.....	128,971	4,896	4.0	.....	.....	.....	7,269,592	
Utah.....	7,970	1,653	20.7	.....	\$ 3,000.00	97,000	500,000	
Vermont.....	14,406	3,078	21.3	.....	\$ 111,459.81	505,000	676,030	
Virginia.....	43,399	3,732	8.6	192	\$ 80,008.32	368,206	2,296,105	
Washington.....	39,051	3,950	10.0	.....	\$ 48,356.00	1,383,770	4,059,509	
West Virginia.....	32,109	541	1.7	.....	\$ 40,000.00	3,500	1,042,353	
Wisconsin.....	61,090	11,163	18.2	.....	\$ 190,720.00	903,000	4,000,000	
Wyoming.....	10,569	416	4.2	.....	\$ 7,920.00	8,763	\$ 365,336	
Total.....	2,228,042	229,219	10.2	695	7,797,440.71	37,437,172	137,483,985	

<sup>1</sup> Estimated.

<sup>2</sup> Gross revenues.

<sup>3</sup> Also about 555,000 days' statute labor.

<sup>4</sup> Registration declared unconstitutional May, 1913.

<sup>5</sup> For large bridges only.

<sup>6</sup> Year 1913.

**No. 165.—POST OFFICES AND POST ROUTES: NUMBER OF POST OFFICES, EXTENT OF POST ROUTES, AND REVENUE AND EXPENDITURES OF THE POST OFFICE DEPARTMENT, INCLUDING AMOUNTS PAID FOR TRANSPORTATION OF THE MAILS, 1879 TO 1914.**

[Source: Annual reports of the Postmaster General.]

Year ended June 30—	Post offices.	Extent of post routes.	Revenue of the department.	Expended for transporta- tion of—		Total expenditure of the department.
				Domestic mail.	Foreign mail.	
	<i>Number.</i>	<i>Miles.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
1879 .....	40,588	316,711	30,041,988	18,953,219	200,026	38,449,899
1880 .....	42,989	343,888	33,315,479	20,857,802	199,809	36,542,804
1881 .....	44,512	344,006	36,785,898	22,812,429	240,067	39,592,566
1882 .....	46,231	343,618	41,876,410	22,460,473	280,501	40,482,021
1888 .....	46,820	353,166	45,508,693	23,874,894	316,353	43,282,944
1884 .....	48,434	359,530	43,325,959	25,014,478	332,221	47,224,560
1885 .....	51,252	366,251	42,560,844	27,035,543	331,903	50,046,285
1886 .....	53,614	368,660	43,948,423	27,614,540	391,856	51,004,744
1887 .....	55,157	373,142	48,837,609	27,892,646	402,523	53,006,194
1888 .....	57,376	403,977	52,695,177	29,347,959	547,395	56,468,315
1889 .....	53,999	416,159	56,175,611	32,361,697	541,212	62,317,119
1890 .....	62,401	427,990	60,882,008	34,116,243	563,681	66,259,548
1891 .....	64,329	439,027	65,931,786	37,547,405	620,987	73,059,519
1892 .....	67,119	447,591	70,930,476	39,032,919	774,016	76,930,846
1893 .....	68,403	453,833	75,896,933	41,179,555	1,097,867	81,581,681
1894 .....	69,805	454,746	75,080,479	45,375,359	1,239,363	84,994,112
1895 .....	70,064	456,026	76,983,128	46,336,326	1,173,561	87,179,551
1896 .....	70,360	463,813	82,409,208	47,993,067	1,530,864	90,982,670
1897 .....	71,022	470,032	82,665,463	48,028,094	1,890,099	94,077,242
1898 .....	73,570	480,461	89,012,619	50,444,291	1,760,091	98,038,524
1899 .....	75,000	496,949	95,021,884	52,027,901	1,769,851	101,632,161
1900 .....	76,689	500,990	102,354,579	54,135,930	2,100,266	107,740,268
1901 .....	76,945	511,808	111,631,193	56,002,576	2,143,635	115,554,921
1902 .....	75,924	507,540	121,848,047	58,589,968	2,410,473	124,785,697
1903 .....	74,169	506,268	134,224,443	62,606,015	2,580,700	138,784,488
1904 .....	71,131	496,813	143,562,624	67,027,776	2,697,077	152,362,117
1905 .....	68,131	486,805	152,826,485	69,927,689	2,828,703	167,399,169
1906 .....	65,600	478,711	167,932,782	72,944,352	2,895,756	178,449,779
1907 .....	62,659	463,406	183,585,006	77,471,917	2,983,849	190,238,288
1908 .....	61,153	450,738	191,478,663	78,174,988	2,982,732	208,351,386
1909 .....	60,144	448,618	203,562,383	80,901,899	2,804,170	221,004,102
1910 .....	59,580	447,998	224,123,637	81,709,433	3,164,254	229,977,224
1911 .....	59,239	435,388	237,879,823	85,130,742	3,204,599	237,648,926
1912 .....	58,729	436,469	246,744,015	86,302,922	3,195,833	248,525,460
1913 .....	58,020	436,293	266,619,525	88,451,168	3,691,879	262,067,541
1914 .....	56,810	435,597	287,934,565	97,707,051	3,565,323	283,548,769

**No. 166.—RAILWAY MAIL SERVICE: RAILROAD MILEAGE UPON WHICH MAIL WAS CARRIED, ANNUAL COST AND AVERAGE COST PER MILE OF RAILROAD MAIL TRANSPORTATION, AND EXPENDITURE FOR RAILWAY MAIL SERVICE EMPLOYEES, 1879 TO 1914.**

[Source: Annual reports of the Postmaster General.]

Year ended June 30—	Total railroads in operation in United States Dec. 31. <sup>1</sup>	Railroads upon which mail was carried.	Annual transportation of mail by railroads.	Railroad mail transportation.		Railway Mail Service.	
				Annual cost.	Average annual cost per mile.	Number of employees.	Annual expenditure.
				<i>Miles.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
1879.....	86,556	79,991	93,032,902	9,792,569	0.1051	2,609	2,624,890
1880.....	93,267	85,320	96,497,463	10,648,986	.1103	2,946	2,850,980
1881.....	103,108	91,569	103,521,229	11,969,117	.1155	3,177	3,108,801
1882.....	114,677	100,563	113,995,318	13,127,715	.1151	3,570	3,486,779
1883.....	121,422	110,208	129,198,641	13,887,800	.1075	3,855	3,972,071
1884.....	125,845	117,160	142,541,392	15,012,603	.1053	3,963	3,688,032
1885.....	128,320	121,032	151,910,845	16,627,983	.1095	4,387	4,246,210
1886.....	130,338	123,933	165,699,389	17,336,512	.1045	4,573	4,467,717
1887.....	149,214	130,949	169,689,866	18,056,272	.1064	4,851	4,694,532
1888.....	150,114	143,713	185,485,783	19,524,959	.1052	5,094	4,981,366
1889.....	161,276	150,331	204,192,489	21,639,613	.1059	5,448	5,250,338
1890.....	167,191	154,779	215,715,080	23,395,232	.1084	5,836	5,562,844
1891.....	172,085	159,518	228,719,900	25,183,714	.1101	6,082	5,904,331
1892.....	175,691	162,576	239,731,509	27,128,529	.1131	6,417	6,480,684
1893.....	179,334	166,932	252,750,574	28,910,195	.1143	6,646	6,733,410
1894.....	182,733	169,768	264,717,595	30,358,190	.1146	6,852	6,989,449
1895.....	184,628	171,212	267,117,737	31,205,342	.1168	7,045	7,194,220
1896.....	186,631	172,794	268,806,324	32,435,797	.1205	7,408	7,594,377
1897.....	188,844	178,475	278,190,356	33,876,521	.1240	7,602	7,782,547
1898.....	190,870	174,777	281,585,612	34,703,847	.1232	7,999	8,222,504
1899.....	194,336	176,727	287,591,269	36,117,375	.1256	8,333	8,610,732
1900.....	198,964	179,982	297,256,303	37,793,982	.1271	8,695	8,946,424
1901.....	202,288	183,359	302,613,325	38,519,624	.1273	9,105	9,679,037
1902.....	207,253	187,130	312,521,478	39,953,608	.1278	9,627	10,264,588
1903.....	213,422	192,852	333,491,684	41,886,343	.1256	10,413	11,250,042
1904.....	220,112	196,907	353,038,397	44,695,610	.1266	11,621	12,095,437
1905.....	225,196	200,965	362,645,731	45,576,515	.1256	12,474	13,304,994
1906.....	230,761	203,824	371,661,071	47,481,087	.1277	13,598	14,222,201
1907.....	236,949	207,237	387,557,165	51,008,111	.1316	14,357	15,243,601
1908 <sup>2</sup> .....	240,846	213,220	407,799,039	49,404,763	.1211	15,295	17,479,504
1909.....	244,034	217,115	413,546,194	49,606,440	.1199	16,044	18,380,725
1910.....	249,992	220,730	426,923,109	49,302,217	.1154	16,795	19,420,349
1911.....	254,732	223,900	449,654,363	50,910,261	.1182	17,023	20,152,904
1912.....	258,033	226,071	458,643,624	50,703,323	.1105	18,261	20,376,963
1913.....	261,984	223,618	471,559,089	51,466,030	.1091	18,265	22,315,795
1914.....	.....	231,393	481,443,001	55,480,560	.1152	20,311	26,107,052

<sup>1</sup>Data for years prior to 1890 are from Poor's Manual of Railroads and relate to calendar years; data from 1890 to date are from reports of the Interstate Commerce Commission and relate to fiscal years. No mileage included for Alaska.

<sup>2</sup>Excludes mileage of switching and terminal companies not previously segregated.

## No. 167.—LAND TELEGRAPH SYSTEMS: COMPARATIVE SUMMARY, 1907 AND 1912.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	Per cent of increase. <sup>1</sup>
Number of companies or systems.....	20	21	5.0
Miles of pole line.....	2 239,646	2 247,528	3.3
Miles of single wire owned and leased.....	1,577,961	1 1,814,196	15.0
Number of messages <sup>4</sup> .....	101,424,759	106,532,530	5.0
Number of telegraph offices.....	29,056	30,781	5.9
Income, total.....	\$43,912,168	\$56,293,460	28.2
Telegraph traffic.....	\$37,916,907	\$52,337,211	38.0
All other sources.....	\$5,995,261	\$3,956,258	-34.0
Net income.....	\$5,675,181	\$3,431,044	-39.5
Expenses, total.....	\$38,236,987	\$52,862,425	38.2
General operation and maintenance, including salaries and wages and legal expenses.....	\$31,852,359	\$42,771,823	34.3
Interest and taxes.....	\$2,240,382	\$2,740,827	22.0
All other expenses.....	\$4,138,246	\$7,349,775	77.6
Balance sheet:			
Assets, total.....	\$166,183,007	\$190,705,751	14.8
Construction and equipment.....	\$132,607,620	\$143,910,631	8.5
Stocks and bonds, including <sup>4</sup> other permanent investments.....	\$23,514,882	7 \$17,122,592	-27.2
Cash and current assets, including supplies and sundries.....	\$10,060,505	8 \$29,672,528	194.9
Liabilities, total.....	\$166,183,007	\$190,705,751	14.8
Capital stock.....	\$102,289,575	9 \$108,156,410	5.7
Funded debt.....	\$37,204,000	\$34,741,000	-6.6
Reserves.....	\$1,876,858	\$5,254,329	180.0
Accounts payable <sup>10</sup> .....	\$7,916,138	\$18,295,683	131.1
Dividends, interest, and taxes due and accrued.....		\$1,460,733	
Sundries.....	\$66,692	11 \$13,444,926	
Net surplus.....	\$16,829,744	\$9,352,670	-44.4
Capitalization:			
Capital stock outstanding, par value.....	\$102,289,575	\$108,156,410	5.7
Dividends on stock.....	\$4,944,042	\$3,139,861	-36.5
Funded debt.....	\$37,204,000	\$34,741,000	-6.6
Employees and salaries and wages:			
Average number.....	26,827	12 35,639	32.8
Salaries and wages.....	\$16,893,196	\$23,797,980	40.9

<sup>1</sup> A minus sign (-) denotes decrease.<sup>2</sup> Exclusive of pole line wholly owned and used by railway companies.<sup>3</sup> Does not include 22,816 nautical miles of ocean cable operated by the Western Union Telegraph Co. Exclusive also of 314,329 miles of wire wholly owned and operated by railway companies for their own business.<sup>4</sup> Does not include land messages sent over its 207 miles of leased land wire by a wireless company in 1912 nor ocean cable messages except those reported by the Western Union Telegraph Co.<sup>5</sup> Less all expenses, including charges for depreciation.<sup>6</sup> Includes charges for depreciation, which were not included in expenses in 1907.<sup>7</sup> Includes treasury stock.<sup>8</sup> Includes sinking fund and stock and bond discount.<sup>9</sup> Includes assumed stock of subcompanies.<sup>10</sup> Includes floating debt and cash investments (for unincorporated companies).<sup>11</sup> Includes deferred noninterest-bearing obligations payable only on determination of leases and real-estate mortgages.<sup>12</sup> Number employed Sept. 16, 1912.

## No. 168.—LAND TELEGRAPH SYSTEMS: REVENUE AND INCOME ACCOUNT, 1907 AND 1912.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	Per cent of increase. <sup>1</sup>
Gross receipts from operation.....	<i>Dollars.</i> 37,916,907	<i>Dollars.</i> 52,337,211	38.0
Operating expenses.....	34,205,745	45,527,564	33.1
Net earnings from operation.....	3,711,162	6,809,647	83.5
Income from other sources.....	5,995,261	3,956,258	-34.0
Interest on bonds and dividends on stock of other companies.....	1,081,819	375,903	-65.2
Leased telegraph lines, wires, and conduits.....	4,430,245	2,419,005	-45.4
Real estate rentals.....	210,014	191,154	-9.0
Miscellaneous <sup>2</sup> .....	273,383	970,136	254.9
Gross income less operating expenses.....	9,706,423	10,765,905	10.9
Deductions from income (fixed charges):			
Taxes.....	4,031,242	7,334,861	82.0
Interest.....	753,378	1,132,234	50.3
Payments for use of leased lines.....	1,493,004	1,608,593	7.7
Net income.....	1,784,860	4,594,034	157.4
Dividends on stock.....	5,675,181	3,431,044	-39.5
Surplus.....	4,944,042	3,139,861	-36.5
	731,139	291,183	-60.2

<sup>1</sup> A minus sign (-) denotes decrease.<sup>2</sup> Including interest.

**No. 169.—OCEAN CABLE TELEGRAPH SYSTEMS: COMPARATIVE SUMMARY,  
1907 AND 1912.**

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	Per cent of in- crease. <sup>1</sup>
Number of companies or systems <sup>2</sup> .....	6	6	.....
Nautical miles of ocean cable <sup>2</sup> .....	40,572	44,800	10.6
Number of messages <sup>2</sup> .....	2,369,317	2,845,168	20.1
Number of cable offices <sup>2</sup> .....	51	83	53.7
Income, total.....	\$7,671,700	\$8,409,374	10.4
Telegraph traffic.....	\$7,338,280	\$8,066,798	9.9
All other sources.....	\$333,420	\$342,576	21.0
Net income.....	\$4,029,074	\$2,952,847	-26.7
Expenses, total.....	\$8,642,626	\$5,516,527	51.4
General operation and maintenance, including salaries and wages and legal expenses.....	\$2,204,939	\$4,008,218	81.8
Interest and taxes.....	\$1,190,308	\$1,214,554	2.0
All other expenses.....	\$247,379	\$293,755	18.7
Balance sheet:			
Assets, total.....	\$95,624,892	\$107,688,155	12.5
Construction and equipment.....	\$77,438,339	\$78,130,115	0.9
Stocks and bonds of other companies, treasury stock, and "other permanent investments".....	\$12,971,564	\$16,811,087	29.6
Cash and current assets, including supplies <sup>3</sup> .....	\$5,214,989	\$12,635,953	142.3
Liabilities, total.....	\$95,624,892	\$107,688,155	12.5
Capital stock.....	\$52,800,000	\$55,480,400	5.1
Funded debt.....	\$28,000,000	\$28,000,000	.....
Reserves.....	\$6,381,105	\$15,549,451	143.7
Accounts payable.....	\$2,496,241	\$1,459,797	-41.5
Dividends due and sundries.....	\$2,452,351	\$587,229	139.5
Surplus.....	\$3,490,195	\$0,497,278	85.5
Capitalization:			
Capital stock outstanding, par value.....	\$52,800,000	\$55,480,400	5.1
Dividends on stock.....	\$2,533,641	\$3,040,200	20.0
Funded debt.....	\$28,000,000	\$28,000,000	.....
Employees and salaries and wages:			
Average number.....	1,207	1,056	37.2
Salaries and wages.....	\$915,083	\$1,167,014	27.5

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Does not include returns for Western Union Telegraph Co., as no segregation could be made of financial statistics or employees for the cable business of this company. The number of nautical miles of ocean cable owned and leased by this company was, in 1912, 22,816 miles, and in 1907, 5,729 miles. The number of ocean messages reported by this company for 1912 was 2,990,112, and as estimated by it for 1907, 3,500,000.

<sup>3</sup> Includes sinking and other special funds and sundries for 1912 and sundries only for 1907.

<sup>4</sup> Includes floating debt.

<sup>5</sup> Includes interest due and accrued.

<sup>6</sup> Number employed Sept. 16, 1912.

**No. 170.—OCEAN CABLE TELEGRAPH SYSTEMS: REVENUE AND  
INCOME ACCOUNT, 1907 AND 1912.**

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	Per cent of in- crease. <sup>1</sup>
	<i>Dollars.</i>	<i>Dollars.</i>	
General operation and maintenance.....	31,852,359	42,771,823	34.3
Salaries and wages.....	16,893,166	23,797,980	40.9
Operation and maintenance, including legal expenses.....	14,959,193	15,269,031	2.1
Charges for depreciation.....	.....	3,704,812	.....
Rentals of offices and other real estate.....	1,598,456	2,247,311	40.8
Rentals of conduits and underground privileges.....	5,020	101,035	1,606.7
Payments for telegraph traffic made to other companies.....	667,501	228,907	-65.7
Miscellaneous.....	83,509	178,488	113.7

<sup>1</sup> A minus sign (-) denotes decrease.

No. 171.—LAND AND OCEAN TELEGRAPH SYSTEMS COMBINED:  
COMPARATIVE SUMMARY, 1902, 1907, AND 1912.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1902	1907	1912	Per cent of increase. <sup>1</sup>		
				1902-1907	1902-1912	1907-1912
Number of companies or systems.....	25	26	27	4.0	3.8	8.0
Miles of pole line.....	237,900	239,040	247,528	0.7	3.3	4.0
Miles of single wire owned and leased.....	1,318,350	1,577,961	1,814,196	19.7	15.0	37.6
Nautical miles of ocean cable.....	16,677	46,301	67,676	177.6	46.2	305.8
Number of messages.....	91,655,287	103,704,076	109,377,698	13.2	5.4	19.3
Number of telegraph offices.....	27,377	29,110	30,864	6.3	6.0	12.7
Income, total.....	\$40,930,038	\$51,583,868	\$64,762,843	26.0	25.5	58.2
N Telegraph traffic.....	\$35,300,569	\$45,255,187	\$60,403,000	28.2	33.5	71.1
E All other sources.....	\$5,629,469	\$6,328,681	\$4,359,834	12.4	-31.1	-22.6
Net income.....	\$9,982,004	\$9,704,255	\$6,383,891	-2.8	-34.2	-36.0
Expenses, total.....	\$30,948,034	\$41,879,613	\$58,378,952	35.3	39.4	88.6
General operation and maintenance, including salaries and wages and legal expenses.....	\$24,455,511	\$34,057,298	\$46,780,041	30.3	37.4	91.3
Interest and taxes.....	\$2,539,008	\$3,436,690	\$3,955,381	35.4	15.1	55.8
All other expenses.....	\$3,953,515	\$4,385,625	\$7,643,530	10.9	74.3	93.3
Balance sheet:						
Assets, total.....	\$195,503,775	\$261,807,899	\$298,288,900	33.9	13.9	52.6
Construction and equipment.....	\$101,679,579	\$210,045,959	\$222,046,746	29.9	5.7	37.3
Stocks and bonds of other companies.....	\$25,039,044	\$36,486,446	\$33,933,679	40.7	-7.0	30.8
Cash and current assets, including supplies and sundries.....	\$7,884,252	\$15,275,494	\$42,308,481	93.7	177.0	436.6
Liabilities, total.....	\$195,503,775	\$261,807,899	\$298,288,906	33.9	13.9	52.6
Capital stock.....	\$117,053,525	\$155,089,575	\$163,645,810	32.5	5.5	39.8
Funded debt.....	\$45,893,000	\$65,204,000	\$62,741,000	42.1	-3.8	36.7
Reserves.....	\$7,859,648	\$8,257,963	\$20,803,780	5.1	151.9	164.7
Accounts payable.....	\$6,244,585	\$10,411,379	\$19,755,480	66.7	80.7	216.4
Dividends, interest, and taxes due and accrued, and sundries.....	\$373,976	\$2,519,043	\$15,492,888	573.6	515.0	4,042.7
Net surplus.....	\$18,079,041	\$20,325,939	\$15,849,948	12.4	-22.0	-12.3
Capitalization:						
Capital stock outstanding, par value.....	\$117,053,525	\$155,089,575	\$163,645,810	32.5	5.5	39.8
Dividends on stock.....	\$6,256,693	\$7,477,083	\$6,180,061	19.5	-17.3	-1.2
Funded debt outstanding, par value.....	\$45,893,000	\$65,204,000	\$62,741,000	42.1	-3.8	36.7
Employees and salaries and wages:						
Average number.....	27,627	28,034	37,295	1.5	33.0	35.0
Salaries and wages.....	\$15,039,673	\$17,808,249	\$24,964,994	18.4	40.2	60.0

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Commercial Cable Co. of Cuba (not reporting in 1902) counted as a separate company in both 1907 and 1912.

<sup>3</sup> Exclusive of pole line wholly owned and wholly operated by railway companies.

<sup>4</sup> Exclusive of wire wholly owned and wholly operated by railway companies; this in 1912 was 314,320 miles. In 1902 includes mileage operated outside of the United States by Western Union Telegraph Co.

<sup>5</sup> Includes charges for depreciation.

<sup>6</sup> Includes treasury stock and "other permanent investments."

<sup>7</sup> Includes sinking funds and stock and bond discount.

<sup>8</sup> Includes assumed stock of subcompanies.

<sup>9</sup> Includes floating debt and cash investments (for unincorporated companies).

<sup>10</sup> Includes deferred noninterest-bearing obligations payable only on determination of leases—not reported at previous censuses—and real estate mortgages.

<sup>11</sup> Number employed Sept. 16, 1912.

**No. 172.—OCEAN CABLE TELEGRAPH SYSTEMS: REVENUE AND INCOME ACCOUNT, 1907 AND 1912.**

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	Per cent of increase. <sup>1</sup>
	<i>Dollars.</i>	<i>Dollars.</i>	
Gross receipts from operation.....	7,338,280	8,065,798	9.9
Operating expenses.....	2,373,339	4,214,264	77.6
Net earnings from operation.....	4,964,941	3,851,534	-22.4
Income from other sources.....	333,420	403,576	21.0
Gross income less operating expenses.....	5,298,361	4,255,110	-19.7
Deductions from income (fixed charges).....	1,269,287	1,302,263	2.6
Taxes.....	30,308	54,554	80.0
Interest.....	1,160,000	1,160,000	.....
Payments for use of leased lines.....	78,979	87,709	11.1
Net income.....	4,029,074	2,952,847	-26.7
Dividends on stock.....	2,533,041	3,040,200	20.0
Surplus.....	1,496,033	( <sup>2</sup> )	.....

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Deficit of \$87,353.

**No. 173.—OCEAN CABLE TELEGRAPH SYSTEMS: OPERATING EXPENSES, 1907 AND 1912.**

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	Per cent of increase.
	<i>Dollars.</i>	<i>Dollars.</i>	
General operation and maintenance.....	2,204,939	4,008,218	81.8
Salaries and wages.....	915,083	1,107,014	27.5
Operation and maintenance, including legal expenses.....	1,289,856	2,841,204	123.3
Rentals of offices and other real estate.....	87,893	104,745	19.2
Miscellaneous <sup>1</sup> .....	80,504	101,298	25.8

<sup>1</sup> Includes also rentals of conduits and underground privileges and payments for telegraph traffic made to other companies.

**No. 174.—WIRELESS TELEGRAPH SYSTEMS: COMPARATIVE SUMMARY, 1907 AND 1912.**

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	Per cent of increase. <sup>1</sup>
Number of companies or systems.....	5	4	-20.0
Number of messages.....	154,017	2,285,091	84.4
Number of tower stations.....	117	74	-36.8
Income, total.....	\$106,791	\$660,158	523.3
Net income.....		\$4,738	.....
Expenses, total.....	\$160,320	\$604,420	314.4
General operation and maintenance, including salaries and wages and legal expenses.....	\$117,480	\$568,712	401.1
Interest and taxes.....	\$5,532	\$7,826	40.7
All other expenses.....	\$37,267	\$67,882	82.1
Net deficit.....	\$53,538	.....	.....
Balance sheet:			
Assets, total.....	\$32,958,897	\$10,377,197	-68.5
Construction and equipment.....	\$317,614	\$1,235,770	279.6
Cash and current assets, including supplies <sup>1</sup> .....	\$32,106,456	\$9,171,427	-71.5
Net deficit.....	\$344,827	.....	.....
Liabilities, total.....	\$32,958,897	\$10,377,197	-68.5
Capital stock.....	\$32,970,242	\$9,002,570	-70.6
Floating debt and mortgages.....	\$37,145	\$18,483	-50.2
Accounts payable.....	\$245,510	\$253,160	137.6
Net surplus.....		\$172,984	.....
Capitalization: Capital stock outstanding, par value.....	\$32,076,242	\$9,602,570	-70.6
Employees and salaries and wages:			
Average number.....	176	\$ 968	444.3
Salaries and wages.....	\$81,771	\$393,603	381.4

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Includes 5,013 land messages sent over a leased land wire by a wireless company doing land telegraph business also.

<sup>3</sup> Less all expenses, including charges for depreciation.

<sup>4</sup> Includes stocks, bonds, and sundries.

<sup>5</sup> Includes reserves, cash investments, interest and taxes due and accrued, and sundries.

<sup>6</sup> Number employed Sept. 16, 1912. Includes, in some cases, number of operators on shipboard who, in addition to wages, receive board and quarters.

No. 175.—WESTERN UNION TELEGRAPH CO.: MILEAGE OF LINES AND WIRES,  
NUMBER OF OFFICES, AND TRAFFIC, 1867 TO 1913.

[Source: Annual reports of the Western Union Telegraph Co.]

Year ended June 30—	Miles of line.	Miles of wire.	Number of offices.	Number of messages sent.	Receipts.	Expenses.	Profits.	Average per message.	
								Toll.	Cost.
					<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Cents.</i>	<i>Cents.</i>
1867....	46,270	85,291	2,565	5,879,282	6,568,925	3,944,006	2,624,920	.....	.....
1868....	50,183	97,594	3,219	6,404,595	7,004,560	4,362,849	2,641,711	104.7	63.4
1869....	52,099	104,684	3,607	7,934,933	7,316,918	4,563,117	2,748,801	89.3	54.2
1870....	64,109	112,191	3,972	9,157,646	7,138,738	4,010,772	2,227,966	75.5	51.2
1871....	56,032	121,151	4,606	10,646,077	7,637,449	5,104,737	2,532,662	69.5	46.7
1872....	62,033	137,190	5,237	12,444,499	8,457,096	5,666,863	2,790,238	66.2	43.8
1873....	66,757	154,472	5,740	14,456,832	9,333,019	6,575,056	2,757,963	62.5	43.4
1874....	71,585	175,735	6,183	16,329,256	9,262,654	6,755,734	2,506,920	54.9	39.5
1875....	72,833	179,496	6,565	17,153,710	9,564,575	6,335,415	3,229,158	54.0	35.2
1876....	73,532	183,832	7,072	18,729,567	10,034,984	6,635,474	3,399,510	50.9	33.5
1877....	76,955	194,323	7,600	21,153,941	9,812,353	6,672,225	3,140,128	43.6	29.8
1878....	81,002	206,202	8,014	23,918,894	9,861,355	6,309,813	3,551,543	38.9	25.0
1879....	82,937	211,566	8,534	25,070,106	10,960,640	6,160,200	4,802,400	38.6	25.2
1880....	85,645	233,534	9,077	29,215,509	12,782,895	6,948,957	5,833,938	38.5	25.4
1881....	110,340	327,171	10,737	32,500,000	14,393,544	8,485,264	5,908,280	38.4	25.6
1882....	131,060	374,868	12,068	38,842,247	17,114,166	9,996,096	7,118,070	38.2	25.8
1883....	144,294	432,626	12,917	41,181,177	19,454,903	11,794,553	7,660,350	38.0	26.0
1884....	145,037	450,571	13,761	42,076,228	19,632,940	13,022,504	6,610,436	36.5	25.2
1885....	147,500	462,238	14,184	42,096,533	17,706,834	12,005,910	5,700,924	32.1	24.9
1886....	151,832	489,607	15,142	43,289,807	16,298,639	12,378,733	3,919,855	31.3	23.4
1887....	156,814	524,641	15,653	47,394,530	17,191,910	11,794,629	4,397,281	30.4	23.0
1888....	171,375	616,248	17,241	51,463,955	19,711,164	14,640,592	5,070,572	31.2	23.2
1889....	178,754	647,697	18,470	54,108,326	20,733,194	14,565,153	6,213,041	31.2	22.4
1890....	183,917	673,997	19,332	55,373,762	22,337,029	15,074,304	7,312,725	32.4	22.7
1891....	187,931	715,591	20,038	59,143,343	23,034,327	16,428,742	6,605,585	32.5	23.2
1892....	189,576	739,105	20,700	62,337,298	23,706,405	16,307,857	7,398,548	31.6	22.3
1893....	189,936	769,201	21,073	66,591,853	24,973,443	17,482,400	7,496,037	31.2	22.7
1894....	190,303	790,792	21,166	58,632,237	21,852,655	16,060,170	5,792,485	30.5	23.3
1895....	189,714	802,651	21,360	53,307,315	22,218,019	16,076,630	6,141,389	30.7	23.3
1896....	189,913	826,929	21,725	53,760,444	22,612,736	16,714,756	5,897,980	30.9	24.0
1897....	190,614	841,002	21,769	53,151,634	22,638,859	16,906,656	5,732,203	30.5	24.3
1898....	189,847	874,420	22,210	62,173,749	23,915,733	17,825,532	6,090,151	30.1	24.7
1899....	189,856	904,633	22,285	61,333,157	23,954,312	13,035,579	5,863,733	30.3	25.1
1900....	192,705	933,153	22,900	63,167,733	24,758,570	13,593,206	6,165,364	30.8	25.1
1901....	193,539	972,766	23,233	65,657,049	26,354,151	19,663,903	6,685,248	30.9	25.1
1902....	196,115	1,029,934	23,567	69,374,833	23,073,095	20,780,766	7,292,329	31.0	25.7
1903....	196,517	1,039,212	23,120	69,790,366	29,167,637	20,953,215	8,214,372	31.4	25.6
1904....	199,350	1,155,405	23,453	67,903,973	29,249,390	21,361,915	7,887,475	31.7	26.1
1905....	200,224	1,184,557	23,314	67,477,320	29,033,635	21,845,570	7,188,065	31.6	27.3
1906....	202,959	1,256,147	24,323	67,487,032	30,675,655	23,605,072	7,070,533	31.6	27.6
1907....	205,646	1,321,199	24,760	67,304,551	32,356,406	26,052,196	6,324,210	33.7	30.2
1908....	208,477	1,359,430	23,353	62,371,237	28,532,212	25,179,215	3,402,997	33.7	34.3
1909....	211,513	1,332,500	24,321	65,053,439	30,541,073	23,193,966	7,347,107	34.1	23.5
1910....	214,360	1,429,049	24,825	67,135,405	33,839,202	26,614,302	7,274,900	35.2	30.2
1911....	219,219	1,487,345	24,926	67,780,732	37,153,939	30,653,632	7,105,357	33.8	33.1
1912....	235,807	1,632,161	25,392	90,000,000	42,937,807	36,063,836	6,923,971	.....	.....
1913....	233,033	1,553,131	26,000	.....	47,423,443	42,959,934	4,463,508	.....	.....
1913 <sup>4</sup> ....	237,807	1,562,170	25,000	.....	46,899,267	42,327,121	4,572,146	.....	.....

<sup>1</sup> Not including messages sent over leased wires or under railroad contracts.

<sup>2</sup> Figures derived from a study, but facilities such that accuracy can not be guaranteed.

<sup>3</sup> Estimated.

<sup>4</sup> Year ended Dec. 31.

No. 176.—TELEPHONE SYSTEMS REPORTING AN ANNUAL INCOME OF \$5,000 OR MORE: COMPARATIVE SUMMARY, 1907 AND 1912.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	Bell Telephone System.		All other systems.		Total.
	1907	1912	1907	1912	
	Number of systems.....	175	176	1,461	
Miles of single wire.....	8,947,266	15,133,136	2,974,694	3,886,205	19,019,331
Miles of pole line.....	287,458	353,422	266,294	315,264	671,696
Number of public exchanges.....	5,418	5,853	5,195	5,662	11,515
Number of telephones.....	3,132,063	5,087,027	1,774,630	2,239,721	7,926,748
Number of messages or talks.....	6,401,044,799	9,133,226,836	3,993,389,159	4,602,431,409	13,735,656,245
Estimated number of messages or talks.....	\$133,803,831	\$206,130,830	\$37,996,577	\$45,950,404	\$176,700,408
Expenses.....	\$107,356,551	\$163,024,105	\$28,118,626	\$40,730,804	\$136,686,355
Expenses including taxes and fixed charges, total.....	\$91,447,280	\$43,106,725	\$9,777,951	\$5,219,600	\$35,752,211
Net income.....	\$30,201,937	\$29,709,841	\$3,246,275	\$4,410,968	\$34,418,212
Dividends.....	\$623,036,358	\$934,805,563	\$317,321,640	\$360,894,558	\$1,093,357,998
Assets, total.....	\$526,079,091	\$730,017,745	\$968,017,940	\$301,415,432	\$1,269,433,227
Cost of construction and equipment.....	\$25,090,795	\$72,629,170	\$35,640,235	\$11,925,497	\$47,565,732
Stocks and bonds and other permanent investments.....	\$71,866,532	\$82,158,648	\$11,096,640	\$14,459,607	\$82,963,247
Cash and current assets.....	\$623,036,358	\$934,805,563	\$2,566,765	\$13,065,952	\$2,580,832
Surpluses including stock and bond discount and sinking and other special funds.....	\$294,578,646	\$397,885,433	\$162,210,079	\$360,894,558	\$553,753,636
Liabilities, total.....	\$197,071,839	\$296,872,053	\$104,261,689	\$188,878,446	\$383,140,135
Capital stock.....	\$50,825,741	\$46,818,920	\$21,925,714	\$38,338,503	\$80,164,217
Unpaid debt.....			\$2,053,633	\$5,237,133	\$7,290,766
Real-estate mortgages, floating debt, and accounts payable.....	\$9,703,462	\$14,405,707	\$2,152,448	\$3,155,184	\$12,858,632
Cash investments.....	\$36,168,979	\$137,967,085	\$2,822,879	\$10,851,990	\$17,023,871
Interest, taxes, and dividends, due and accrued.....		\$434,304	\$6,210,834	\$1,800,517	\$8,011,351
Reserves.....		\$38,422,051	\$13,517,066	\$22,349,560	\$30,866,626
Surpluses.....	\$34,637,730				\$34,637,730
Net surpluses.....					
Salaries paid employees.....	17,039	31,485	5,790	7,318	22,319
Number.....	\$14,501,916	\$27,004,837	\$4,040,703	\$5,676,645	\$18,542,619
Salaries.....					
Wage earners.....	78,772	110,468	30,079	1,34,140	108,851
Average number.....	\$36,073,994	\$49,866,524	\$10,392,736	\$13,462,535	\$46,466,730
Wages.....					

1 Number employed Sept. 16, 1912.

No. 177.—AMERICAN TELEPHONE & TELEGRAPH CO. AND OPERATING COMPANIES ASSOCIATED WITH IT: STATISTICS, JAN. 1, 1909 TO 1914.

[Source: The American Telephone & Telegraph Co.]

	1909	1910	1911	1912	1913	1914
<b>OPERATING COMPANIES.</b>						
Central offices.....	5,043	4,968	4,983	5,014	5,182	5,245
Miles of exchange-service wire:						
Aerial .....	3,467,092	3,645,879	4,047,367	4,441,419	5,058,873	5,491,889
Underground .....	4,625,047	5,021,510	5,621,811	6,420,261	7,352,154	8,273,892
Submarine .....	6,540	8,085	9,040	10,421	10,623	11,689
Total .....	8,098,679	8,675,474	9,678,218	10,872,101	12,421,650	13,777,470
Total circuits.....	1,668,211	1,829,942	2,082,960	2,306,360	2,576,789	2,812,944
Total employees.....	98,533	104,956	120,311	128,439	140,789	156,928
Total stations.....	3,215,246	3,588,247	4,030,668	4,474,171	4,953,447	5,415,209
Miles of wire operated .....	9,830,718	10,480,026	11,642,212	12,932,615	14,610,813	16,111,011
Number of instruments in hands of licensees under rental at beginning of year.	7,647,023	8,338,648	9,231,298	10,059,608	10,880,321	11,778,365
Number of daily exchange connections.....	18,499,376	19,925,194	21,681,471	23,483,770	25,572,345	26,431,024
Average number daily calls per station.....	6.0	5.9	5.7	5.5	5.4	5.1
<b>AMERICAN TELEPHONE &amp; TELEGRAPH CO.</b>						
Dividends paid stockholders .....	12,459,156	17,036,276	20,776,822	22,169,450	26,015,588	27,454,037
Capital.....do.....	180,537,000	256,475,300	263,335,600	318,427,500	334,805,700	344,616,300
Gross earnings.....do.....	27,898,970	32,761,341	35,353,329	36,970,230	42,717,993	45,909,992
Net earnings <sup>1</sup> .....do.....	18,121,707	23,095,389	26,855,893	27,733,265	32,062,945	32,920,090

<sup>1</sup> After deducting interest.

## No. 178.—STREET AND ELEVATED RAILWAYS, 1913: MILEAGE, NUMBER OF CARS, AND CAPITALIZATION, BY STATES AND BY GEOGRAPHIC DIVISIONS.

[Source: The Electric Railway Journal.]

State.	Number of companies.	Electric railways, track mileage.	Number of cars.	Capital stock outstanding.	Funded debt outstanding.
				Dollars.	Dollars.
Alabama.....	14	368.08	691	30,662,000	37,760,000
Arizona.....	5	57.50	46	3,773,200	1,314,800
Arkansas.....	10	123.49	284	13,277,000	11,656,000
California.....	43	2,794.42	5,625	352,130,150	235,143,500
Colorado.....	16	449.00	769	25,865,900	23,807,000
Connecticut.....	12	1,463.62	3,096	61,530,100	57,951,000
Delaware.....	6	97.00	210	9,180,000	6,088,000
District of Columbia.....	7	420.66	1,376	31,878,300	27,722,850
Florida.....	7	162.71	287	5,529,600	4,990,000
Georgia.....	14	464.23	785	50,866,400	26,239,000
Idaho.....	3	102.50	65	30,492,400	1,457,000
Illinois.....	75	3,697.62	8,623	156,805,950	264,818,948
Indiana.....	46	2,210.40	2,068	104,587,800	80,323,700
Iowa.....	24	820.08	1,655	30,922,870	41,389,600
Kansas.....	16	321.09	1,419	7,458,975	7,553,600
Kentucky.....	10	525.78	1,123	24,597,050	21,850,800
Louisiana.....	10	289.49	521	31,030,000	34,020,000
Maine.....	15	561.99	632	11,408,000	15,204,050
Maryland.....	12	709.60	2,194	20,249,950	76,318,400
Massachusetts.....	46	3,495.75	9,786	99,416,950	85,128,700
Michigan.....	25	1,542.83	2,054	43,410,800	82,597,000
Minnesota.....	12	626.07	1,164	42,041,000	24,360,000
Mississippi.....	11	117.50	1,187	7,512,670	8,174,000
Missouri.....	22	1,227.97	2,684	88,788,080	108,571,100
Montana.....	7	118.86	172	3,280,000	3,951,000
Nebraska.....	6	246.12	537	12,377,000	11,564,000
Nevada.....	2	10.30	12	1,000,000	135,000
New Hampshire.....	14	303.80	444	3,037,000	3,532,000
New Jersey.....	40	1,414.67	3,074	89,335,200	97,273,400
New Mexico.....	2	10.50	11	410,000	160,000
New York.....	184	5,001.06	17,785	407,498,590	703,268,500
North Carolina.....	12	267.51	511	23,733,900	13,310,600
North Dakota.....	4	25.50	72	461,000	314,000
Ohio.....	86	4,154.04	6,565	209,245,500	137,574,100
Oklahoma.....	13	247.04	525	10,394,400	8,159,000
Oregon.....	7	557.95	1,325	40,648,800	54,690,000
Pennsylvania.....	237	5,015.53	10,230	336,145,300	257,793,850
Rhode Island.....	12	460.42	1,335	31,593,900	15,558,500
South Carolina.....	7	112.03	102	18,044,600	8,318,000
South Dakota.....	3	25.00	35	587,000	59,000
Tennessee.....	12	425.92	930	21,148,000	32,492,000
Texas.....	31	921.19	1,380	45,702,000	31,308,500
Utah.....	5	274.25	376	7,614,700	5,272,000
Vermont.....	10	103.75	145	2,735,300	2,025,000
Virginia.....	18	452.47	888	26,647,400	27,769,800
Washington.....	18	1,098.31	2,033	68,885,300	32,212,000
West Virginia.....	21	444.42	580	17,474,900	18,275,800
Wisconsin.....	22	751.34	1,060	35,382,000	40,770,400
Wyoming.....	2	22.00	28	875,000	420,000
Total, 1913.....	1,187	45,003.96	97,721	2,806,852,525	2,814,334,098
<i>Geographic divisions.<sup>2</sup></i>					
New England States.....	109	6,379.33	15,628	209,701,750	170,994,250
Eastern States.....	478	13,555.41	36,349	1,037,409,730	1,214,607,100
Central States.....	322	15,456.73	28,096	745,381,050	817,261,648
Southern States.....	95	2,330.96	4,418	197,404,170	170,959,000
Western States.....	183	7,281.53	13,230	611,955,825	425,511,500
1906.....	1,164	36,212.00	84,732	2,039,948,875	1,725,369,000
1907.....	1,238	38,812.00	87,204	2,251,425,882	1,872,408,516
1908.....	1,252	40,247.00	89,216	2,441,892,057	2,112,244,086
1909.....	1,253	40,400.00	91,153	2,427,935,397	2,224,800,236
1910.....	1,279	40,088.00	89,601	2,380,011,921	2,302,094,296
1911.....	1,209	41,028.00	91,457	2,433,186,153	2,424,334,533
1912.....	1,115	43,043.97	93,946	2,945,275,030	2,640,578,521

<sup>1</sup> The reports from which this table is made up are rendered at different dates, the average of which is Dec. 31, 1913. Figures of unimportant companies which declined to furnish satisfactory reports are estimated, and the table is confined as closely as possible to electric railways.

<sup>2</sup> New England States—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut. Eastern States—New York, New Jersey, Pennsylvania, Delaware, District of Columbia, Maryland, Virginia, West Virginia. Central States—Michigan, Ohio, Indiana, Kentucky, Wisconsin, Illinois, Minnesota, Iowa, Missouri. Southern States—North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Tennessee, Louisiana, Arkansas. Western States—North Dakota, South Dakota, Nebraska, Nevada, Kansas, Texas, Colorado, Montana, Idaho, Utah, Washington, Oregon, California, Arizona, Oklahoma, New Mexico, Wyoming.

No. 179.—RAILROADS: MILES OF LINE<sup>1</sup> IN SPECIFIED YEARS, 1860 TO 1913, AND PER 100 SQUARE MILES AND PER 10,000 INHABITANTS IN 1913, BY STATES.

[Sources: Calendar years 1860, 1870, and 1880, Poor's Manual of Railroads, the data representing mileage operated; fiscal years ended June 30, 1890, 1900, 1910, 1912, and 1913, statistical reports of the Interstate Commerce Commission, the data representing mileage owned.]

State.	Mileage.								Miles of line, 1913, per—	
	1860	1870	1880	1890	1900	1910 <sup>a</sup>	1912 <sup>a</sup>	1913 <sup>a</sup>	100 sq. m. of territory.	10,000 inhab-itants.
Ala.	743	1,157	1,843	3,313.87	4,225.84	5,226.16	5,303.84	5,305.84	10.52	24.18
Ark.	38	256	859	2,195.81	3,339.86	5,305.51	5,271.89	5,329.75	10.15	32.23
Cal.	23	923	2,195	4,156.11	5,751.04	7,771.89	8,105.44	8,182.62	5.26	30.93
Col.	601	742	1,570	4,176.19	4,587.25	5,532.50	5,737.15	5,710.30	5.51	65.13
Conn.	127	107	275	1,007.29	1,023.62	1,000.14	1,000.72	1,000.87	20.76	8.51
Del.	402	446	513	322.69	346.72	334.81	334.97	334.97	17.05	16.14
Fla.	1,420	1,845	2,450	4,532.37	3,299.06	4,431.64	4,808.23	4,908.27	8.95	59.87
Ga.			206	941.44	6,651.72	7,056.49	7,250.17	7,404.36	12.01	27.15
Ill.	2,790	4,823	7,851	10,213.07	11,002.93	11,878.34	11,976.10	12,012.70	3.20	71.03
Ind.	2,163	3,177	4,373	5,971.03	6,470.31	7,420.14	7,444.34	7,400.65	20.70	27.07
Iowa.	655	2,483	5,400	8,355.97	9,185.18	9,754.88	9,890.27	9,916.50	17.84	44.61
Kans.		1,501	3,400	8,806.45	8,719.36	9,006.88	9,137.40	9,257.03	11.32	52.68
Ky.	534	1,017	1,530	2,746.25	3,059.99	3,526.21	3,609.44	3,754.01	9.34	16.09
La.	335	450	652	1,758.94	2,824.03	5,553.74	5,685.33	5,676.76	12.50	32.64
Mo.	472	786	1,005	1,328.13	1,915.24	2,248.06	2,252.77	2,270.73	7.60	30.01
Md.	386	671	1,040	1,231.34	1,373.16	1,420.45	1,435.85	1,412.94	14.21	10.64
Mass.	1,234	1,480	1,915	2,037.73	2,113.58	2,125.21	2,114.47	2,129.83	26.49	6.03
Mich.	779	1,638	3,938	7,242.67	8,195.18	9,021.13	9,021.00	8,997.71	15.65	30.74
Minn.		1,092	3,161	5,466.37	6,042.57	8,508.00	8,986.40	9,025.83	11.16	41.53
Miss.	862	990	1,127	2,332.03	2,910.90	4,508.10	4,425.93	4,485.94	9.08	23.98
Mo.	817	2,009	3,965	6,004.10	6,875.04	8,082.74	8,125.16	8,153.43	11.88	24.34
Mont.			106	2,181.04	3,010.32	4,207.42	4,353.46	4,497.29	3.04	108.14
Nebr.		705	1,953	5,295.35	5,684.85	6,067.15	6,135.27	6,142.17	8.00	49.93
Nev.		593	739	924.87	906.35	2,278.66	2,339.31	2,340.76	2.13	249.35
N. H.	661	736	1,019	1,145.03	1,239.20	1,245.93	1,245.95	1,255.81	13.91	28.78
N. J.	560	1,125	1,684	2,040.76	2,256.60	2,200.49	2,305.91	2,309.58	30.74	8.45
N. Y.	2,882	3,923	5,957	7,600.71	8,121.03	8,439.77	8,500.59	8,511.38	17.86	8.80
N. C.	937	1,178	1,486	3,000.88	3,831.18	4,932.41	5,172.10	5,265.37	10.60	22.39
N. Dak.		65	1,225	1,940.64	2,731.22	4,201.07	4,509.35	5,032.54	7.17	76.91
Ohio.	2,946	3,538	5,792	7,911.51	8,807.27	9,134.46	9,122.46	9,116.91	22.38	18.42
Okla.			( <sup>4</sup> )	167.96	827.85	5,980.22	6,100.92	6,356.68	9.16	33.15
Oregon.		169	508	1,427.95	1,723.80	2,284.69	2,035.62	2,774.02	2.90	36.96
Pa.	2,568	4,656	6,191	8,453.20	10,330.60	11,290.17	11,400.30	11,507.50	25.67	14.25
R. I.	108	136	210	212.52	211.79	212.14	203.64	203.04	19.09	3.53
S. C.	973	1,139	1,427	2,193.60	2,817.93	3,441.74	3,553.39	3,617.85	11.80	23.07
S. Dak.	( <sup>5</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	2,485.89	2,849.83	3,947.65	4,206.03	4,205.80	5.47	65.86
Tenn.	1,253	1,402	1,843	2,751.87	3,136.95	3,815.97	3,978.91	3,989.78	9.57	17.86
Tex.	307	711	3,244	8,613.42	9,886.49	14,281.61	15,322.05	15,607.95	5.95	37.60
Utah.		257	842	1,090.14	1,547.42	1,985.94	2,029.26	2,082.77	2.53	51.79
Vt.	554	614	914	1,921.49	1,012.11	1,100.48	1,074.73	1,073.16	11.76	29.83
Va.	1,370	1,486	1,893	3,160.40	3,779.15	4,534.94	4,601.49	4,603.35	11.43	21.67
Wash.			289	1,733.37	2,913.57	4,875.21	5,178.79	5,289.72	7.91	39.80
W. Va.	352	387	691	1,327.93	2,228.05	3,600.99	3,795.16	3,845.67	16.01	29.59
Wis.	905	1,525	3,155	5,533.59	6,530.52	7,475.21	7,558.56	7,656.56	13.86	31.72
Wyo.		459	512	941.88	1,223.63	1,644.89	1,678.04	1,680.42	1.72	103.85
Alaska <sup>8</sup>										
Ariz.			349	1,096.64	1,511.89	2,097.31	2,156.45	2,283.02	2.01	99.77
D. C.	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	30.24	31.75	35.97	35.97	36.23	60.38	1.04
Hawaii <sup>6</sup>										
Ind. T.			289	1,046.20	1,322.75					
N. Mex.			768	1,324.33	1,752.62					
Total <sup>8</sup>	30,626	52,922	93,267	163,597.05	193,345.78	240,438.84	246,816.25	249,802.73	<sup>9</sup> 8.40	<sup>10</sup> 25.81

<sup>1</sup> For additional trackage, see Table 181.  
<sup>2</sup> Excludes mileage of switching and terminal companies not segregated for years previous to 1908.  
<sup>3</sup> Figures for Dakota.  
<sup>4</sup> Included in returns for Indian Territory.  
<sup>5</sup> See North Dakota.  
<sup>6</sup> See note 8.  
<sup>7</sup> Included in returns for Maryland.  
<sup>8</sup> Excludes mileage as follows: For 1900, Alaska (21.80 miles); for 1910, Alaska (389.79 miles, unofficial), and Hawaii (175.10 miles); for 1911, Alaska (459.98 miles, unofficial), and Hawaii (175.76 miles); for 1912, Alaska (461.68 miles, unofficial), and Hawaii (193 miles); for 1913 Alaska (460.78 miles, unofficial), and Hawaii (233.91 miles).  
<sup>9</sup> On basis of 2,973,890 square miles, which covers "land surface" only and excludes Alaska and Hawaii.  
<sup>10</sup> On basis of 96,772,266 population for 1913, which is reached by adding to the population in 1910, 91,972,266 (which excludes Alaska, Hawaii, and persons in the military and naval service stationed abroad), an estimated annual increase of 1,600,000 for each successive year.

**No. 180.—RAILROADS: OPERATED MILEAGE AND ANNUAL INCREASE OF MILEAGE, 1833 TO 1913.<sup>1</sup>**

[Sources: Calendar years 1833 to 1889, Poor's Manual of Railroads; years ending June 30, 1890 to 1913, statistical reports of the Interstate Commerce Commission. No mileage included for Alaska or Hawaii. The term "mileage" signifies single-track mileage.]

Year.	Miles of line in operation.	Annual increase of mileage.	Year.	Miles of line in operation.	Annual increase of mileage.	Year.	Miles of line in operation.	Annual increase of mileage.
1833	380	151	1860	30,626	1,887	1887	149,214	12,876
1834	633	253	1861	31,286	660	1888	156,114	6,900
1835	1,098	405	1862	32,120	834	1889	161,276	5,162
1836	1,273	175	1863	33,170	1,050	1890	167,191	( <sup>2</sup> )
1837	1,497	224	1864	33,908	738	1891	172,085	4,844
1838	1,913	416	1865	35,085	1,177	1892	175,691	3,650
1839	2,302	389	1866	36,801	1,716	1893	179,834	4,143
1840	2,818	516	1867	39,250	2,249	1894	182,738	2,899
1841	3,585	717	1868	42,229	2,979	1895	184,628	1,995
1842	4,020	491	1869	46,344	4,615	1896	186,681	2,053
1843	4,185	169	1870	52,922	6,078	1897	188,844	2,163
1844	4,377	192	1871	60,301	7,379	1898	190,870	2,026
1845	4,633	256	1872	66,171	5,870	1899	194,336	3,466
1846	4,930	297	1873	70,268	4,097	1900	198,964	4,628
1847	5,598	668	1874	72,385	2,117	1901	202,288	3,324
1848	5,996	398	1875	74,096	1,711	1902	207,253	4,965
1849	7,365	1,369	1876	76,808	2,712	1903	213,422	6,169
1850	9,021	1,656	1877	79,082	2,274	1904	220,112	6,690
1851	10,982	1,961	1878	81,747	2,665	1905	225,196	5,084
1852	12,908	1,926	1879	86,556	4,809	1906	230,761	5,565
1853	15,360	2,452	1880	93,262	6,711	1907	236,949	6,188
1854	16,720	1,360	1881	103,108	9,846	1908 <sup>3</sup>	240,846	.....
1855	18,374	1,654	1882	114,677	11,569	1909 <sup>3</sup>	244,084	3,238
1856	22,016	3,642	1883	121,422	6,745	1910 <sup>3</sup>	249,992	5,908
1857	24,503	2,487	1884	125,845	3,923	1911 <sup>3</sup>	254,782	4,740
1858	26,968	2,465	1885	128,820	2,975	1912 <sup>3</sup>	258,083	3,301
1859	28,789	1,821	1886	136,338	8,018	1913 <sup>4</sup>	251,984	.....

<sup>1</sup> For additional trackage, see following table.

<sup>2</sup> See explanation of sources, etc., at head of table.

<sup>3</sup> Excludes mileage of switching and terminal companies not segregated for years previous to 1908.

<sup>4</sup> Excludes mileage of so-called small roads (having operating revenues below \$100,000 for the year) and mileage of switching and terminal companies.

**No. 181.—RAILROADS: LENGTH OF SINGLE, SECOND, THIRD, AND FOURTH TRACKS, AND YARD TRACK AND SIDINGS, AND TOTAL MILEAGE OPERATED, 1891 TO 1913.<sup>1</sup>**

[Source: Statistical reports of the Interstate Commerce Commission.]

Year ended June 30—	Single track.	Second track.	Third track.	Fourth track.	Yard track and sidings.	Total.
	<i>Miles.</i>	<i>Miles.</i>	<i>Miles.</i>	<i>Miles.</i>	<i>Miles.</i>	<i>Miles.</i>
1891	161,275.17	8,865.71	813.13	749.51	35,742.14	207,445.66
1892	162,397.30	9,367.21	852.70	626.47	37,807.55	211,051.23
1893	169,779.84	10,051.36	912.98	668.46	40,451.26	221,863.90
1894	175,690.96	10,499.30	953.16	710.99	41,941.37	229,795.78
1895	177,746.25	10,639.96	975.25	733.12	43,181.32	233,276.90
1896	181,982.64	10,685.16	990.45	764.15	44,717.73	239,140.13
1897	183,284.25	11,013.47	995.79	780.48	45,934.46	242,013.45
1898	184,648.26	11,293.25	1,009.65	793.57	47,580.09	245,333.82
1899	187,534.08	11,546.54	1,047.37	790.27	49,223.65	250,142.51
1900	192,556.03	12,151.48	1,094.48	829.29	52,153.02	258,784.30
1901	195,561.92	12,845.42	1,153.96	876.13	54,914.96	265,352.29
1902	200,154.56	13,720.72	1,204.04	895.11	58,220.93	274,195.36
1903	205,313.54	14,681.03	1,303.53	903.36	61,560.06	283,821.52
1904	212,243.20	15,824.04	1,467.14	1,046.50	66,492.46	297,073.34
1905	216,973.61	17,056.30	1,609.63	1,215.53	69,941.07	306,786.74
1906	222,340.30	17,938.25	1,769.66	1,279.66	78,760.91	317,083.19
1907	227,454.83	19,420.82	1,960.42	1,389.73	77,749.46	327,976.26
1908 <sup>2</sup>	230,494.02	20,209.05	2,031.16	1,408.99	79,462.64	333,645.86
1909 <sup>2</sup>	235,402.09	20,949.41	2,169.55	1,453.56	82,376.63	342,951.24
1910 <sup>2</sup>	240,330.75	21,658.74	2,206.39	1,483.73	85,581.98	351,766.59
1911 <sup>2</sup>	246,238.02	23,451.26	2,414.16	1,747.10	88,373.95	362,824.49
1912 <sup>2</sup>	249,852.06	24,951.65	2,511.76	1,903.32	92,019.13	371,237.92
1913 <sup>3</sup>	244,418.49	26,270.55	2,588.68	1,964.06	94,388.02	369,579.80

<sup>1</sup> Represents mileage covered by operating returns. (See Tables 194, 195, and 196.)

<sup>2</sup> Excludes mileage of switching and terminal companies not segregated for years previous to 1908.

<sup>3</sup> Excludes returns for so-called small roads (having operating revenues below \$100,000 for the year) and returns for switching and terminal companies.

**No. 182.—RAILROAD LOCOMOTIVES: NUMBER IN SERVICE ON JUNE 30, 1895 TO 1913, BY CLASSES OF SERVICE.**

[Source: Statistical reports of the Interstate Commerce Commission.]

Year.	Passenger.	Freight.	Switching.	Unclassified.	Total.
1895	9,009	20,012	5,100	588	35,699
1896	9,943	20,351	5,161	495	35,950
1897	10,017	20,395	5,102	469	35,983
1898	9,950	20,327	5,234	417	36,234
1899	9,894	20,728	5,480	601	36,703
1900	9,803	21,596	5,621	583	37,603
1901	10,184	22,839	5,959	602	39,584
1902	10,318	23,594	6,083	630	41,225
1903	10,570	25,444	7,068	709	43,791
1904	11,252	27,029	7,110	852	46,243
1905	11,618	27,869	7,923	947	48,357
1906	12,249	29,848	8,485	1,090	51,672
1907	12,814	32,079	9,258	1,237	55,388
1908 <sup>1</sup>	13,185	33,055	9,783	1,110	56,133
1909 <sup>1</sup>	13,317	33,935	9,837	1,123	57,212
1910 <sup>1</sup>	13,669	34,992	9,115	1,150	58,926
1911 <sup>1</sup>	14,301	36,405	9,324	1,297	61,327
1912 <sup>1</sup>	14,263	37,159	9,520	1,311	62,253
1913 <sup>2</sup>	14,396	37,924	9,834	1,224	63,378

<sup>1</sup> Excludes locomotives in the service of switching and terminal companies.

<sup>2</sup> Excludes returns for so-called small roads (having operating revenues below \$100,000 for the year) and returns for switching and terminal companies.

**No. 183.—RAILROAD LOCOMOTIVES: NUMBER AND AVERAGE TRACTIVE POWER, GRATE AND HEATING SURFACE, AND WEIGHT OF EACH TYPE, 1904 TO 1913.<sup>1</sup>**

[Source: Statistical reports of the Interstate Commerce Commission.]

Year ended June 30—	Type.	Number.	Average per locomotive.				
			Tractive power.	Grate surface.	Heating surface.	Weight exclusive of tender.	Weight on drivers.
			Pounds.	Sq. feet.	Sq. feet.	Tons.	Tons.
1904	Single expansion	43,246	22,205	29	1,681	60	49
	4-cylinder compound	1,968	31,896	48	2,843	93	73
	2-cylinder compound	932	31,335	37	2,649	83	69
1905	Single expansion	45,693	23,178	30	1,759	62	51
	4-cylinder compound	1,793	32,326	47	2,941	95	73
	2-cylinder compound	870	31,056	38	2,659	83	69
1906	Single expansion	48,300	24,307	31	1,862	66	54
	4-cylinder compound	1,767	33,168	47	3,070	98	75
	2-cylinder compound	887	31,661	38	2,696	84	70
1907	Single expansion	51,891	25,439	23	1,952	68	56
	4-cylinder compound	1,727	34,345	24	3,169	101	76
	2-cylinder compound	945	31,335	29	2,578	83	70
1908 <sup>2</sup>	Single expansion	53,374	20,011	24	2,014	70	57
	4-cylinder compound	1,712	35,321	29	3,272	104	79
	2-cylinder compound	923	31,378	29	2,592	84	70
1909 <sup>2</sup>	Single expansion	53,977	20,300	24	2,041	71	58
	4-cylinder compound	1,603	35,173	27	3,297	105	78
	2-cylinder compound	888	31,609	29	2,614	85	71
1910 <sup>2</sup>	Single expansion	55,867	20,891	23	2,107	72	59
	4-cylinder compound	1,511	39,440	29	3,489	112	87
	2-cylinder compound	862	31,326	29	2,649	84	71
1911 <sup>2</sup>	Single expansion	57,963	27,771	27	2,167	75	61
	4-cylinder compound	1,838	42,970	25	3,766	122	95
	2-cylinder compound	796	32,310	24	2,625	86	73
1912 <sup>2</sup>	Single expansion	58,842	28,482	27	2,231	77	63
	4-cylinder compound	1,951	44,890	23	3,807	127	100
	2-cylinder compound	751	32,371	24	2,623	85	72
1913 <sup>2</sup>	Single expansion	60,131	29,595	29	2,335	80	65
	4-cylinder compound	2,080	48,628	25	4,151	136	107
	2-cylinder compound	707	32,339	24	2,603	86	72

<sup>1</sup> Data for this table are lacking for some locomotives included in the preceding table.

<sup>2</sup> Basis excludes oil-burning locomotives.

<sup>3</sup> Excludes locomotives in the service of switching and terminal companies.

<sup>4</sup> Excludes locomotives in the service of so-called small roads (having operating revenues below \$100,000 for the year) and in the service of switching and terminal companies.

**No. 184.—RAILROAD LOCOMOTIVES AND CARS: NUMBER PER 1,000 MILES OF LINE, AND ASSIGNMENT TO AMOUNT OF TRAFFIC, 1900 TO 1913, BY CLASSES OF SERVICE.**

[Source: Statistical reports of the Interstate Commerce Commission.]

**I. NUMBER PER 1,000 MILES OF LINE.**

Year ended June 30—	Locomotives.					Cars.			
	Passen- gor.	Freight.	Switch- ing.	Unclas- sified.	Total.	Passen- gor.	Freight.	Com- pany's service.	Total.
1900.....	51	112	29	3	195	180	7,092	263	7,535
1901.....	52	117	30	3	202	184	7,488	258	7,950
1902.....	52	118	33	3	206	185	7,725	285	8,195
1903.....	52	124	34	4	214	186	8,055	299	8,540
1904.....	53	127	36	4	220	187	7,973	314	8,474
1905.....	54	128	37	4	223	188	7,980	326	8,494
1906.....	55	134	38	5	232	190	8,266	354	8,810
1907.....	56	141	41	5	243	193	8,750	401	9,350
1908 <sup>1</sup> .....	57	146	38	5	246	196	9,004	420	9,680
1909 <sup>1</sup> .....	57	144	37	5	243	193	8,809	421	9,423
1910 <sup>1</sup> .....	57	145	38	5	245	195	8,866	449	9,510
1911 <sup>1</sup> .....	58	148	38	5	249	203	8,920	463	9,586
1912 <sup>1</sup> .....	57	149	38	5	249	206	8,867	463	9,536
1913 <sup>2</sup> .....	59	155	40	5	259	211	9,302	492	10,005

**II. ASSIGNMENT TO AMOUNT OF TRAFFIC.**

Year ended June 30—	Passengers carried per passenger locomotive.	Passenger miles per passenger locomotive.	Tons carried per freight locomotive.	Ton-miles per freight locomotive.	Passenger cars per mil- lion passen- gers carried.	Freight cars per million tons of freight carried.
1900.....	58,484	1,626,179	50,101	6,556,731	60	1,202
1901.....	59,631	1,704,005	47,692	6,439,736	59	1,344
1902.....	62,985	1,908,310	50,874	6,650,499	57	1,288
1903.....	65,742	1,978,786	51,265	6,807,942	55	1,208
1904.....	63,532	1,948,324	48,463	6,450,846	60	1,292
1905.....	63,594	2,048,558	51,230	6,690,700	55	1,213
1906.....	65,144	2,054,686	54,650	7,232,503	53	1,127
1907.....	68,109	2,103,140	55,937	7,375,585	50	1,109
1908 <sup>1</sup> .....	65,692	2,171,100	44,889	6,461,907	51	1,306
1909 <sup>1</sup> .....	65,103	2,152,907	44,932	6,424,796	51	1,345
1910 <sup>1</sup> .....	65,833	2,321,744	52,856	7,237,569	49	1,160
1911 <sup>1</sup> .....	66,757	2,268,097	48,007	6,915,259	50	1,235
1912 <sup>1</sup> .....	65,038	2,271,544	48,761	7,056,034	51	1,206
1913 <sup>2</sup> .....	69,308	2,341,620	52,702	7,843,663	50	1,180

<sup>1</sup> Excludes equipment in the service of switching and terminal companies.

<sup>2</sup> Excludes returns for so-called small roads (having operating revenues below \$100,000 for the year) and returns for switching and terminal companies.

**No. 185.—RAILROAD CARS: NUMBER IN SERVICE ON JUNE 30, 1899 TO 1913, BY CLASSES OF SERVICE.**

[Source: Statistical reports of the Interstate Commerce Commission.]

Year.	Service.				Fast freight line service.
	Passenger.	Freight.	Company.	Total.	
1899.....	33,850	1,295,510	46,556	1,375,916	45,117
1900.....	34,713	1,305,531	50,594	1,450,838	42,771
1901.....	35,969	1,404,328	50,536	1,550,833	41,942
1902.....	36,987	1,546,101	57,097	1,640,185	43,142
1903.....	38,140	1,653,782	61,467	1,753,389	34,579
1904.....	39,752	1,692,194	66,615	1,798,561	37,937
1905.....	40,713	1,731,409	70,749	1,842,871	33,857
1906.....	42,262	1,837,914	78,736	1,958,912	32,168
1907.....	43,973	1,991,557	91,064	2,126,594	32,092
1908 <sup>1</sup> .....	45,117	2,089,302	96,762	2,231,181	30,967
1909 <sup>1</sup> .....	45,584	2,073,606	99,090	2,218,280	29,856
1910 <sup>1</sup> .....	47,095	2,135,121	108,115	2,290,331	29,209
1911 <sup>1</sup> .....	49,818	2,195,511	114,006	2,359,335	28,338
1912 <sup>1</sup> .....	51,490	2,215,549	115,635	2,382,674	27,876
1913 <sup>2</sup> .....	51,700	2,273,564	120,244	2,445,508	28,523

<sup>1</sup> Excludes cars in the service of switching and terminal companies.

<sup>2</sup> Excludes returns for so-called small roads (having operating revenues below \$100,000 for the year) and returns for switching and terminal companies.

No. 186.—RAILROAD FREIGHT CARS: NUMBER AND AVERAGE CAPACITY OF EACH CLASS, ON JUNE 30, 1906 TO 1913.

[Source: Statistical reports of the Interstate Commerce Commission.]

Class of car.	1906.		1907.		1908.		1909.		1910.		1911.		1912.		1913.	
	Number.	Average capacity.														
Box	843, 118	Tons. 30	904, 821	Tons. 32	949, 273	Tons. 32	941, 533	Tons. 32	966, 577	Tons. 33	990, 313	Tons. 34	1, 004, 005	Tons. 34	1, 032, 585	Tons. 34
Flat	146, 908	31	156, 860	32	158, 759	32	154, 630	32	153, 918	33	153, 300	33	150, 840	34	147, 541	35
Stock	64, 202	29	69, 997	29	76, 218	29	73, 494	29	77, 564	30	77, 590	30	76, 535	31	76, 308	31
Coal	686, 717	38	746, 670	39	797, 871	40	792, 291	40	819, 089	41	853, 699	42	856, 111	43	871, 339	44
Tank	5, 324	37	5, 972	38	6, 097	38	6, 630	38	7, 434	39	7, 787	39	7, 886	40	8, 216	40
Refrigerator	31, 782	29	33, 617	29	27, 929	30	28, 204	30	30, 918	30	31, 786	30	30, 693	31	43, 389	31
Other	55, 884	32	68, 080	34	68, 770	36	74, 556	36	78, 411	37	80, 856	39	90, 219	40	91, 911	41
Total	1, 833, 635	32	1, 986, 017	34	2, 065, 167	35	2, 071, 338	35	2, 133, 631	36	2, 195, 331	37	2, 215, 239	37	2, 273, 269	38

1 Data for this table are lacking for some cars included in the preceding table.

2 Excludes cars in the service of switching and terminal companies.

3 Excludes returns for so-called small roads (having operating revenues below \$100,000 for the year) and returns for switching and terminal companies.

RAILROADS

No. 187.—EMPLOYEES OF RAILROADS: NUMBER IN SERVICE ON JUNE 30 OF SPECIFIED YEARS, 1880 TO 1913, BY CLASSES.  
 [Source: Statistical reports of the Interstate Commerce Commission.]

Class.	1890	1895	1896	1898	1900	1902	1903	1904	1905	1906	1907	1908 <sup>1</sup>	1909 <sup>1</sup>	1910 <sup>1</sup>	1912 <sup>1</sup>	1913 <sup>2</sup>
General officers.....	5,160	5,407	5,372	4,956	4,916	4,816	4,842	5,165	5,536	6,090	6,407	5,076	5,492	5,476	5,790	4,398
Other officers.....	(*)	2,584	2,718	3,925	4,669	5,089	5,201	5,375	5,706	6,705	7,549	7,751	8,022	9,392	10,414	10,705
General office clerks.....	22,289	26,583	26,928	26,845	32,265	37,570	42,218	46,087	51,284	57,210	65,700	63,973	69,959	76,329	78,818	84,267
Station agents.....	25,665	29,014	29,728	30,689	31,610	33,478	34,892	34,918	35,245	34,940	35,649	35,740	36,519	37,379	38,428	37,721
Other station men.....	66,431	73,569	75,919	78,603	80,851	105,433	120,724	120,002	125,180	138,778	152,929	132,013	136,783	153,104	161,730	167,450
Enginemen.....	33,354	34,718	35,851	37,939	42,837	45,318	52,993	52,451	54,817	59,555	65,298	57,688	57,077	64,691	64,382	67,026
Firemen.....	34,684	35,516	36,762	38,925	44,130	50,651	56,041	55,004	57,892	62,678	69,384	61,215	60,349	68,321	67,195	70,477
Conductors.....	23,513	24,776	25,457	26,876	29,957	35,070	39,741	39,645	41,061	43,936	45,869	43,322	43,608	48,682	49,632	52,086
Other trainmen.....	61,734	62,721	64,806	66,968	74,274	91,383	104,885	106,794	111,405	119,087	134,257	114,580	114,700	136,988	137,067	146,555
Machinists.....	27,601	27,740	29,272	28,832	32,831	39,145	44,819	46,272	47,018	51,253	55,244	44,941	48,237	55,193	57,507	60,726
Carpenters.....	37,936	35,564	38,846	40,374	46,666	51,698	56,407	53,646	56,089	63,830	70,394	58,946	60,867	68,085	70,817	78,654
Other shopmen.....	80,783	88,661	95,613	99,717	114,773	136,579	154,635	159,472	176,343	199,940	221,656	176,080	195,110	225,196	249,429	271,095
Section foremen.....	27,129	29,809	30,372	30,771	33,085	35,700	37,101	37,609	38,217	40,463	41,391	41,419	41,859	44,207	44,277	44,737
Other trackmen.....	157,036	155,146	169,664	184,494	226,799	281,075	300,714	289,044	311,155	343,791	367,277	299,448	320,762	378,955	357,326	376,871
Switch tenders, crossing tenders, and watchmen	37,669	48,158	44,266	47,124	50,739	50,489	49,961	46,202	45,532	49,659	53,414	46,221	44,698	44,682	38,773	38,258
Telegraph operators and dispatchers.....	18,968	20,984	21,682	22,488	25,218	28,244	30,984	30,425	31,963	36,090	39,193	39,744	39,115	42,435	42,548	43,061
Employees—account floating equipment.....	6,199	5,779	5,502	6,349	7,597	7,428	7,949	7,495	8,763	8,314	9,139	8,028	8,758	10,549	12,056	13,780
All other employees and laborers.....	83,300	83,355	88,457	98,673	125,386	147,201	168,430	160,565	178,965	198,736	228,324	199,570	210,898	229,306	230,138	247,076
Total.....	749,301	785,084	826,620	874,558	1,017,663	1,189,315	1,312,537	1,296,121	1,382,106	1,521,355	1,672,071	1,436,275	1,502,823	1,689,420	1,716,360	1,815,239

<sup>1</sup> Excludes employees of switching and terminal companies.

<sup>2</sup> Excludes returns for so-called small roads (having operating revenues below \$100,000 for the year) and returns for switching and terminal companies.

<sup>3</sup> Annual report form for this year did not provide for this class of employees.

RAILROADS.

**NO. 155.—EMPLOYEES OF RAILROADS: TOTAL YEARLY COMPENSATION FOR SPECIFIED YEARS ENDED JUNE 30, 1890 TO 1913, BY CLASSES.**  
 [Source: Statistical reports of the Interstate Commerce Commission.]

Class.	1890	1894	1896	1898	1900	1902	1904	1906	1908 <sup>2</sup>	1910 <sup>2</sup>	1912 <sup>2</sup>	1913 <sup>2</sup>
	Dollars.	Dollars.	Dollars.	Dollars.								
General officers.....	13,584,924	12,792,793	12,497,957	12,632,224	13,157,420	13,000,284	14,475,126	15,911,369	16,213,474	17,949,017	19,238,782	19,481,072
Other officers.....	(4)	3,322,089	5,301,110	6,870,275	8,141,500	9,491,146	10,816,880	12,870,203	16,689,833	19,499,753	22,208,792	23,294,470
General office clerks.....	16,901,342	19,077,963	19,037,816	19,850,404	23,127,228	26,853,600	34,735,703	41,227,916	51,867,978	58,176,906	64,739,954	66,443,296
Station agents.....	14,806,456	16,583,277	17,059,117	17,692,146	18,553,252	20,172,008	22,848,269	22,571,395	25,908,266	27,203,943	29,935,642	30,016,048
Other station men.....	34,918,155	36,659,516	39,076,478	40,237,653	45,627,016	53,709,965	66,318,729	70,702,517	81,766,135	88,926,764	97,612,039	106,242,920
Engineers.....	37,814,011	39,633,962	41,354,307	44,307,993	50,713,401	58,135,457	68,946,543	74,551,454	84,517,730	91,323,678	102,762,809	111,350,613
Firemen.....	21,750,282	22,743,093	23,724,854	25,199,230	29,203,506	33,730,709	40,463,040	44,247,306	50,747,825	55,626,502	62,117,000	67,238,331
Conductors.....	21,831,455	23,307,486	24,758,485	26,316,465	30,089,322	35,211,477	44,150,760	47,417,403	55,479,055	59,716,801	68,605,203	73,261,003
Other trainmen.....	35,276,703	36,687,729	38,379,035	39,597,133	44,844,475	50,335,462	75,521,384	81,884,828	97,456,690	109,664,112	127,060,109	139,409,443
Machinists.....	19,235,809	18,263,226	19,312,746	19,507,886	22,924,702	28,412,840	37,844,571	40,326,031	42,368,436	48,589,476	54,327,638	60,008,941
Carpenters.....	24,090,749	21,502,302	22,948,555	23,951,246	28,144,452	31,925,126	36,654,270	40,961,053	44,552,555	50,058,065	53,241,527	61,318,197
Other shopmen.....	42,179,614	42,538,166	43,497,887	51,339,701	59,470,846	73,269,159	94,463,049	111,534,584	121,695,515	145,457,974	167,807,528	191,645,024
Section foremen.....	15,238,221	16,755,590	17,097,832	17,223,628	18,481,594	20,356,376	22,553,363	23,519,671	27,658,733	29,424,298	31,758,239	32,894,238
Other trackmen.....	57,560,900	51,865,100	54,821,113	57,303,749	71,664,298	89,586,409	104,600,785	112,196,214	122,994,426	140,200,752	136,067,014	156,806,395
Switch tenders, crossing tenders, and watchmen.....	20,656,369	24,464,841	24,950,907	26,633,630	29,599,238	28,669,990	26,920,495	27,989,001	27,607,830	24,880,701	22,982,964	22,422,731
Telegraph operators and dispatchers.....	11,823,844	13,543,426	13,695,587	14,289,057	16,176,401	18,281,069	21,770,296	24,729,689	30,989,287	32,348,603	34,890,615	36,519,803
Employees—account-keeping equipment.....	3,565,408	3,246,068	3,221,290	3,551,898	4,247,915	4,363,822	4,884,713	4,776,654	6,234,613	7,567,768	9,080,589	9,232,372
All other employees and laborers.....	42,686,131	43,782,000	43,399,416	48,552,299	63,098,105	74,483,083	90,892,829	103,414,175	130,698,937	137,110,073	147,766,253	163,244,292
Total.....	453,970,343	447,293,627	468,824,531	495,055,618	577,264,841	676,028,592	817,598,310	900,801,653	1,035,437,528	1,143,725,306	1,252,347,697	1,373,830,589

<sup>1</sup> Covers over 99 per cent of the number of employees for all the years mentioned, excepting 1906, the per cent for which was over 96.

<sup>2</sup> Excludes compensation of employees of switching and terminal companies.

<sup>3</sup> Excludes returns for so-called small roads (having operating revenues below \$100,000 for the year) and returns for switching and terminal companies.

<sup>4</sup> A annual report form for this year did not provide for this class of employees.

<sup>5</sup> Excludes compensation paid by Southern Pacific Co. (not reported). The corresponding amount paid in 1907 was \$35,724,918.

No. 159.—EMPLOYEES OF RAILROADS: AVERAGE DAILY COMPENSATION FOR SPECIFIED YEARS ENDED JUNE 30, 1892 TO 1913, BY CLASSES.  
 [Source: Statistical reports of the Interstate Commerce Commission.]

Class.	1892	1895	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908 <sup>1</sup>	1909 <sup>1</sup>	1910 <sup>1</sup>	1912 <sup>1</sup>	1913 <sup>2</sup>
	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
General officers.....	7.83	9.01	9.73	10.03	10.45	10.97	11.17	11.27	11.61	11.74	11.81	11.93	13.11	12.67	13.27	13.13	15.67
Other officers.....	( <sup>3</sup> )	5.85	5.21	5.18	5.22	5.56	5.60	5.76	6.51	6.02	5.82	5.99	6.27	6.40	6.22	6.32	6.44
General office clerks.....	2.23	2.19	2.25	2.20	2.19	2.19	2.18	2.21	2.22	2.24	2.24	2.30	2.33	2.31	2.40	2.50	2.51
Station agents.....	1.82	1.74	1.73	1.74	1.75	1.77	1.80	1.87	1.93	1.93	1.94	2.05	2.09	2.03	2.12	2.20	2.28
Other station men.....	1.63	1.62	1.61	1.60	1.60	1.59	1.61	1.64	1.69	1.71	1.69	1.78	1.82	1.82	1.84	1.89	1.96
Engineers.....	3.68	3.65	3.72	3.72	3.75	3.78	3.84	4.01	4.10	4.12	4.12	4.30	4.45	4.44	4.55	5.00	5.20
Firemen.....	2.08	2.05	2.09	2.10	2.14	2.16	2.20	2.28	2.35	2.35	2.42	2.54	2.64	2.67	2.74	3.02	3.13
Conductors.....	3.08	3.04	3.13	3.13	3.17	3.17	3.21	3.38	3.50	3.50	3.51	3.69	3.81	3.81	3.91	4.29	4.39
Other trainmen.....	1.90	1.90	1.95	1.94	1.96	2.00	2.04	2.17	2.27	2.31	2.35	2.54	2.60	2.59	2.69	2.96	3.04
Mechanists.....	2.29	2.22	2.28	2.29	2.30	2.32	2.36	2.50	2.61	2.65	2.69	2.87	2.95	2.98	3.08	3.21	3.26
Carpenters.....	2.03	2.03	2.02	2.03	2.04	2.06	2.08	2.19	2.26	2.25	2.28	2.40	2.40	2.43	2.51	2.55	2.63
Other shopmen.....	1.72	1.70	1.70	1.72	1.73	1.75	1.78	1.86	1.91	1.92	1.92	2.06	2.12	2.13	2.13	2.24	2.31
Section foremen.....	1.76	1.70	1.69	1.68	1.68	1.71	1.72	1.78	1.78	1.79	1.80	1.90	1.95	1.96	1.99	2.09	2.14
Other trackmen.....	1.22	1.17	1.16	1.18	1.22	1.23	1.25	1.31	1.33	1.32	1.35	1.46	1.45	1.38	1.47	1.50	1.58
Switch tenders, crossing tenders, and watchmen.....	1.80	1.75	1.74	1.77	1.80	1.74	1.77	1.76	1.77	1.79	1.80	1.87	1.78	1.73	1.69	1.70	1.70
Telegraph operators and dis- patchers.....	1.92	1.98	1.92	1.93	1.96	1.98	2.01	2.08	2.15	2.19	2.13	2.26	2.30	2.30	2.33	2.47	2.52
Employees—account floating equip- ment.....	2.03	1.91	1.89	1.89	1.92	1.97	2.00	2.11	2.17	2.17	2.10	2.27	2.38	2.31	2.22	2.37	2.37
All other employees and laborers.....	1.68	1.65	1.67	1.68	1.71	1.69	1.71	1.77	1.82	1.83	1.83	1.92	1.97	1.98	2.01	2.10	2.15

<sup>1</sup> Excludes compensation of employees of switching and terminal companies.

<sup>2</sup> Excludes returns for so-called small roads (having operating revenues below \$100,000 for the year) and returns for switching and terminal companies.

<sup>3</sup> Annual report form for this year did not provide for this class of employees.

No. 190.—TRAFFIC ON RAILROADS: ANALYSIS OF PASSENGER AND FREIGHT SERVICES, YEARS ENDED JUNE 30, 1890, 1895, 1900, 1905, AND 1908 TO 1913.

[Source: Statistical reports of the Interstate Commerce Commission. The term "ton" generally signifies the short ton of 2,000 pounds.]

Item.	1890	1895	1900	1905	1906 <sup>1</sup>	1909 <sup>1</sup>	1910 <sup>1</sup>	1911 <sup>1</sup>	1912 <sup>1</sup>	1913 <sup>1</sup>
Number of passengers reported as carried.....	492,430,805	507,421,362	576,831,251	738,534,637	800,000,574	891,472,425	971,683,190	997,409,892	1,004,081,345	1,083,679,680
Passengers carried 1 mile.....	11,847,785,617	12,138,446,271	16,038,076,200	23,500,149,486	29,083,936,944	29,108,822,680	32,338,490,820	33,201,664,699	33,132,354,783	34,575,872,980
Passengers carried 1 mile per mile of line.....	75,751	68,572	83,230	103,949	130,073	127,299	138,169	139,191	136,699	143,067
Tons carried:										
Number of tons reported as carried.....	631,740,636	638,614,778	1,081,983,301	1,427,731,905	1,532,981,790	1,556,559,741	1,849,900,101	1,731,638,043	1,844,977,673	2,038,035,487
Number of tons reported as carried, excluding tonnage received from connecting roads and other carriers.....										
Tons carried 1 mile.....	77,207,047,298	85,227,515,801	583,351,351	784,920,188	869,737,510	881,334,355	1,026,491,782	1,003,053,803	1,031,206,606	1,160,862,756
Tons carried 1 mile per mile of line.....	489,638	479,439	441,566	531,186	510,218	502,218	585,920	583,783	604,745	658,801
Mileage of revenue passenger trains.....	285,575,504	317,565,015	363,469,590	459,827,029	503,945,882	508,011,038	549,015,008	572,929,421	585,853,528	593,061,212
Average number of passengers in train.....	41	38	41	48	54	54	56	55	53	55
Average journey per passenger, miles.....	24.06	24.02	27.50	32.21	32.85	32.85	33.50	33.48	33.18	33.58
Mileage of revenue freight trains.....	485,170,809	449,261,238	492,543,526	546,424,405	587,218,454	568,854,608	635,450,081	620,496,025	612,345,112	643,841,292
Average number of tons in train.....	177.42	180.69	270.86	322.29	351.80	362.57	380.38	383.10	406.76	445.43
Average haul per cent:										
Typical haul of the average railway, miles.....	122.21	124.13	130.87	130.60	143.83	141.87	138.31	142.88	143.44	146.59
Typical haul of all the railways regarded as a system, miles.....			949.73	237.56	253.94	251.10	249.68	254.10	256.87	259.99
Mileage of revenue mixed trains.....	30,681,508	32,189,936	34,836,036	36,236,916	35,807,207	36,461,466	37,127,992	37,907,978	38,575,872	39,251,108
Total revenue train mileage.....	836,704,630	1,088,441,430	1,088,441,430	1,221,852,351	1,112,452,351	1,221,852,351	1,237,500,138	1,236,758,715	1,271,220,178	1,346,134,892
Total mileage of freight cars.....	12,476,705,508	15,082,070,763	16,857,003,236	17,169,413,224	18,981,573,779	19,315,156,130	19,466,402,067	21,034,870,482		

1 The figures given for the years ended June 30, 1908 to 1912, are not fully comparable with those shown for previous years, chiefly for the reason that they do not include data for roads classed as switching and terminal roads (having operating revenues below \$100,000 for the year) and returns for switching and terminal companies.

2 Excludes returns for so-called small roads (having operating revenues below \$100,000 for the year) and returns for switching and terminal companies.

3 Figures include an apportionment of unclassified tonnage.

4 Includes 25 per cent of the total mileage of revenue mixed trains.

5 For the years 1890 and 1895, 25 per cent of the total mileage was apportioned to passenger-train mileage and 75 per cent to freight-train mileage; but in computations for subsequent years the total mixed-train mileage was used both with passenger-train mileage and with freight-train mileage.

6 Includes 75 per cent of the total mileage of revenue mixed trains.

7 Includes a small amount of special-train mileage not separately reported prior to 1908.

8 Includes a small amount of unclassified train mileage; also a small amount of special-train mileage not separately reported prior to 1908.

No. 191.—FINANCES OF RAILROADS: ANALYSIS OF RECEIPTS FROM PASSENGER AND FREIGHT SERVICES, 1892 TO 1913.

[Source: Statistical reports of the Interstate Commerce Commission. The term "ton" generally signifies the short ton of 2,000 pounds.]

Year ended June 30—	Passenger service.				Freight service.				All trains.		
	Revenue per passenger	Revenue per passenger carried.	Revenue per train-mile, passenger trains. <sup>1</sup>	Passenger earnings per mile of road. <sup>2</sup>	Revenue per ton of freight carried.	Revenue per train-mile, freight trains. <sup>1</sup>	Freight earnings per mile of road. <sup>2</sup>	Revenue per train-mile.	Cost of running a train 1 mile.		
	Cents.	Dollars.	Dollars.	Dollars.	Cent.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
1892.....	2.126	0.51205	1.06873	2,103.74	0.838	1.14240	1.64611	4,946.16	1.44649	0.96580	
1893.....	2.111	.51116	1.06984	2,120.53	.879	1.13426	1.63018	4,905.75	1.43475	.97428	
1894.....	1.984	.52351	1.04897	1,901.53	.860	1.11933	1.55744	4,001.55	1.36953	.98478	
1895.....	2.040	.49486	.97870	1,764.39	.839	1.07463	1.61190	4,130.24	1.37723	.93029	
1896.....	2.019	.52078	.98591	1,816.18	.806	1.05101	1.63337	4,343.83	1.39587	.93833	
1897.....	2.022	.51163	.98917	1,726.40	.798	1.06712	1.63558	4,239.64	1.38194	.92918	
1898.....	1.973	.53237	.97419	1,812.69	.753	1.02801	1.73112	4,773.46	1.45449	.95635	
1899.....	1.973	.53816	1.01615	1,927.94	.724	.98853	1.79035	4,895.09	1.50436	.98390	
1900.....	2.003	.56459	1.01075	2,067.17	.729	.99373	2.00042	5,466.47	1.65721	1.07238	
1901.....	2.013	.57941	1.02721	2,218.70	.750	1.08116	2.13212	5,804.08	1.72938	1.12922	
1902.....	1.986	.60494	1.08531	2,399.97	.757	1.02119	2.27093	6,113.53	1.82330	1.17960	
1903.....	2.006	.60720	1.11644	2,525.83	.763	1.05135	2.43957	6,626.73	1.91380	1.26004	
1904.....	2.006	.61746	1.14135	2,570.33	.780	1.07251	2.47103	6,571.76	1.93990	1.31375	
1905.....	1.962	.63985	1.13554	2,642.37	.766	1.03833	2.49539	6,721.23	1.97906	1.32140	
1906.....	2.003	.63895	1.20398	2,808.72	.745	1.03394	2.60804	7,456.42	2.07547	1.37060	
1907.....	2.014	.64600	1.25605	3,032.14	.759	1.05293	2.74023	8,122.86	2.17741	1.46993	
1908 <sup>3</sup> .....	1.987	.63394	1.27073	3,043.00	.754	1.07760	2.63807	7,253.00	1.12689	1.47340	
1909 <sup>3</sup> .....	1.928	.63053	1.26953	2,979.00	.763	1.07563	2.76450	7,184.00	2.16789	1.43770	
1910 <sup>3</sup> .....	1.938	.64617	1.30396	3,228.00	.753	1.03922	2.82318	8,089.00	2.24628	1.48865	
1911 <sup>3</sup> .....	1.974	.65789	1.30921	3,312.00	.757	1.07444	2.86543	7,895.00	2.24824	1.54338	
1912 <sup>3</sup> .....	1.987	.65677	1.26142	3,301.00	.744	1.06905	3.02284	7,962.00	2.29259	1.59077	
1913 <sup>4</sup> .....	2.008	.67226	1.35585	3,506.00	.729	1.06739	3.24347	9,048.00	2.46387	1.70375	

<sup>1</sup> See note 5, p. 270. <sup>2</sup> For years subsequent to 1900, computed on the basis of average mileage operated. <sup>3</sup> See note 1, p. 270. <sup>4</sup> See note 2, p. 270.

No. 192.—FINANCES OF RAILROADS: COMMON AND PREFERRED STOCK AND BONDS AND OTHER OBLIGATIONS OUTSTANDING, 1895 TO 1913.

[Source: Statistical reports of the Interstate Commerce Commission.]

Year ended June 30—	Stock.					Funded debt.			Total railway capital.		
	Common.		Preferred.		Total.	Bonds.	Miscellaneous obligations.	Income bonds.		Equipment trust obligations.	Total.
	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.		Dollars.	Dollars.
1895	4,201,697,351	759,561,305	4,961,258,656	4,641,755,548	4,641,755,548	242,603,226	446,221,472	242,603,226	55,915,327	5,385,495,573	10,346,754,229
1896	4,266,570,577	969,956,692	5,236,527,269	4,517,872,083	4,517,872,083	314,425,977	457,785,531	314,425,977	50,304,931	5,340,338,519	10,566,865,771
1897	4,367,657,657	997,585,593	5,365,243,250	4,539,911,595	4,539,911,595	259,847,154	480,718,303	259,847,154	39,888,717	5,470,365,519	10,635,008,074
1898	4,269,271,714	1,118,996,607	5,388,268,321	4,640,762,632	4,640,762,632	262,194,638	486,977,279	262,194,638	40,351,111	5,470,285,710	10,818,554,031
1899	4,322,300,969	1,191,710,757	5,514,011,726	4,731,054,376	4,731,054,376	260,945,753	485,781,695	260,945,753	42,058,348	5,518,948,172	11,033,954,888
1900	4,522,291,838	1,323,287,755	5,845,579,593	4,900,626,823	4,900,626,823	219,536,833	464,983,341	219,536,833	60,308,320	5,645,455,367	11,491,034,900
1901	4,475,408,821	1,331,157,383	5,806,566,204	5,048,811,611	5,048,811,611	218,872,068	456,780,485	218,872,068	68,116,723	5,881,580,887	11,688,147,091
1902	4,722,066,120	1,302,145,175	6,024,201,295	5,213,421,911	5,213,421,911	242,556,745	564,794,588	242,556,745	89,208,425	6,109,981,669	12,134,132,964
1903	4,876,961,012	1,278,598,020	6,155,559,032	5,426,730,154	5,426,730,154	234,016,821	640,704,135	234,016,821	142,980,116	6,444,431,226	12,599,990,258
1904	5,050,529,469	1,289,369,860	6,339,899,329	5,746,898,983	5,746,898,983	229,876,657	546,780,442	229,876,657	173,334,094	6,873,225,350	13,213,124,679
1905	5,130,933,907	1,373,623,144	6,504,557,051	6,024,449,023	6,024,449,023	258,707,689	786,241,442	258,707,689	186,302,906	7,250,701,070	13,805,258,121
1906	5,403,001,962	1,400,758,131	6,803,760,093	6,266,770,962	6,266,770,962	301,523,400	973,647,924	301,523,400	224,719,099	7,766,061,385	14,570,421,478
1907	5,932,948,772	1,423,912,919	7,356,861,691	6,472,839,323	6,472,839,323	306,244,476	1,616,427,904	306,244,476	329,773,289	8,725,284,992	16,082,146,683
1908 <sup>1</sup>	5,910,351,430	1,462,880,883	7,373,232,313	6,610,189,953	6,610,189,953	258,584,016	2,180,965,753	258,584,016	344,592,782	9,394,332,504	16,767,544,827
1909 <sup>2</sup>	6,218,332,465	1,467,896,060	7,686,228,525	6,942,012,066	6,942,012,066	284,547,531	2,267,211,732	284,547,531	307,889,061	9,801,580,380	17,487,868,935
1910 <sup>2</sup>	6,710,168,538	1,403,488,842	8,113,657,380	7,408,183,482	7,408,183,482	290,951,272	2,250,996,522	290,951,272	353,341,578	10,308,474,868	18,417,132,238
1911 <sup>2</sup>	7,074,917,534	1,395,800,077	8,470,717,611	7,825,293,102	7,825,293,102	261,777,220	2,331,574,939	261,777,220	319,586,749	10,738,217,470	19,208,935,081
1912 <sup>2</sup>	7,248,749,515	1,373,651,906	8,622,401,421	8,015,943,172	8,015,943,172	267,371,927	2,530,676,934	267,371,927	316,143,410	11,130,136,443	19,752,636,204
1913 <sup>2</sup>	7,231,515,045	1,379,096,282	8,610,611,327	8,186,366,426	8,186,366,426	259,230,655	2,379,371,854	259,230,655	369,235,450	11,185,514,385	19,796,125,712

1 Includes \$145,321,601, assigned to other than railway property.  
 2 Excludes data on switching and terminal companies not segregated for years previous data on.  
 3 Includes \$206,233,637, assigned to other than railway property.  
 4 Includes \$206,434,630, assigned to other than railway property.  
 5 Includes \$28,653,608, assigned to other than railway property.  
 6 Includes \$35,776,324, assigned to other than railway property.

7 Includes \$37,932,335, assigned to other than railway property.  
 8 Excludes returns for so-called small roads (having operating revenues below \$100,000 for the year) and their nonoperating subsidiaries; also returns for switching and terminal companies.  
 9 Includes \$36,340,807, assigned to "Other properties," \$948,689,876 held by or for issuing companies; and \$47,703,555, receipts outstanding for instalments paid.

No. 193.—FINANCES OF RAILROADS: DIVIDENDS ON CAPITAL STOCK AND INTEREST ON FUNDED DEBT, 1891 TO 1913.

[Source: Statistical reports of the Interstate Commerce Commission.]

Year ended June 30—	Stock paying dividends.				Amount paid in dividends.	Interest on funded debt.	Total of dividends and interest paid.	Interest on interest-bearing current liabilities.
	Amount.	Proportion of total.		Average rate.				
		Dollars.	Per cent.					
1891	1,796,360,686	40.36	5.07	91,117,913	219,521,005	310,638,918	8,171,494	
1892	1,825,705,427	39.40	5.35	97,614,745	240,074,895	337,689,640	7,935,873	
1893	1,809,600,846	38.76	5.58	100,929,885	250,176,887	351,106,773	7,989,508	
1894	1,767,925,565	36.57	5.40	95,515,226	252,779,523	348,294,749	10,239,190	
1895	1,485,618,453	29.94	5.74	85,287,543	252,512,920	337,800,463	7,860,261	
1896	1,569,024,075	29.83	5.62	87,603,371	249,624,177	337,227,548	8,469,063	
1897	1,603,549,978	29.90	5.43	87,110,599	247,880,280	334,990,829	7,844,336	
1898	1,818,113,082	32.74	5.29	96,152,889	246,136,691	342,279,830	7,073,953	
1899	2,239,592,545	40.61	4.96	111,009,822	251,158,087	362,167,909	7,102,847	
1900	2,668,969,895	45.66	5.23	139,597,972	252,949,616	392,547,588	4,912,892	
1901	2,977,575,179	51.27	5.26	156,735,784	262,094,838	418,890,622	5,826,372	
1902	3,337,644,681	55.40	5.55	185,391,655	274,421,855	469,813,510	7,717,103	
1903	3,450,737,809	56.06	5.70	196,728,176	283,953,124	490,681,300	9,060,645	
1904	3,643,427,319	57.47	6.00	221,941,049	297,674,738	519,615,757	13,945,009	
1905	4,119,086,714	62.84	5.78	237,964,482	310,631,802	548,596,284	11,451,400	
1906	4,326,958,760	66.54	6.03	272,795,974	322,585,934	595,351,908	11,653,076	
1907	4,948,786,203	67.27	6.23	308,088,637	344,242,617	682,331,244	16,671,532	
1908 1	4,843,370,740	65.69	8.07	300,635,351	368,295,579	758,990,930	31,338,440	
1909 1	4,920,174,118	64.01	6.53	321,071,626	382,675,101	703,746,727	24,226,066	
1910 1	5,412,578,457	66.71	7.50	405,771,416	399,582,066	805,353,472	10,536,695	
1911 1	5,730,250,326	67.65	8.03	460,195,376	410,326,852	870,522,228	26,207,587	
1912 1	5,581,289,249	64.73	7.17	400,315,313	439,096,729	839,342,042	25,409,689	
1913	15,780,982,416	66.14	6.37	1,369,077,546	1,434,752,760	2,803,830,306	31,194,260	

1 Excludes data of switching and terminal companies not segregated for years previous to 1908.

2 Excludes interest paid by so-called small roads (having operating revenues below \$100,000 for the year) and switching and terminal companies.

**No. 194.—FINANCES OF RAILROADS, CONSIDERED AS A SYSTEM: INCOME ACCOUNT AND PROFIT AND LOSS ACCOUNT FOR THE YEAR ENDED JUNE 30, 1913.<sup>1</sup>**

[Source: Statistical reports of the Interstate Commerce Commission.]

Item.	Amount.	Average amount per mile operated.	Item.	Amount.	Average amount per mile operated.
Average operated mileage represented (miles).....	242,657.12	.....	Deductions from gross income—Continued.		
Rail operations:	<i>Dollars.</i>	<i>Dollars.</i>	Joint facility rent deductions <sup>2</sup> .....	<i>Dollars.</i> 12,484,815	<i>Dollars</i> 51
Revenues.....	3,125,135,798	12,879	Miscellaneous rent deductions.....	5,907,297	24
Expenses.....	2,169,968,924	8,943	Miscellaneous tax accruals.....	2,083,827	9
Net revenue, rail operations.....	955,166,874	3,936	Net interest deductions for funded debt <sup>2</sup> .....	404,817,955	1,668
Auxiliary (or outside) operations:			Interest deductions for unfunded debt.....	31,191,623	129
Revenues.....	57,982,036	280	Amortization of discount on funded debt.....	2,579,103	11
Expenses.....	65,953,702	272	Miscellaneous deductions.....	8,456,330	35
Net revenue, auxiliary operations.....	2,028,334	8	Total deductions.....	494,292,112	2,037
Net railway operating revenue.....	957,195,208	3,944	Net income.....	439,073,340	1,809
Railway tax accruals.....	127,331,960	524	Balance in profit and loss on June 30 of preceding year.....	1,135,923,530	4,681
Railway operating income.....	829,863,248	3,420	Gross surplus.....	1,574,906,870	6,490
Other income:			Adjustments, etc., through profit and loss:		
Miscellaneous rent income.....	8,534,568	35	Credits.....	56,627,609	233
Net profit from miscellaneous physical property.....	8,763,028	36	Debits.....	44,793,607	184
Separately operated properties—net profit.....	3,299,228	14	Net adjustment.....	11,834,002	49
Net dividend income <sup>2</sup> .....	30,075,832	124	Surplus available for appropriation.....	1,586,830,872	6,539
Net income from funded securities <sup>2</sup> .....	9,516,768	39	Appropriations for year:		
Income from unfunded securities and accounts.....	36,854,850	152	Appropriations to sinking and other reserves.....	33,763,628	139
Income from sinking and other reserve funds.....	3,205,104	13	Net dividend appropriations <sup>2</sup> .....	260,864,853	1,075
Release of premiums on funded debt.....	87,706	( <sup>3</sup> )	Appropriations for additions and betterments.....	65,823,035	271
Miscellaneous income.....	3,165,620	13	Appropriations for new lines and extensions.....	579,510	2
Total other income.....	103,502,204	426	Miscellaneous appropriations.....	81,170,808	335
Gross income.....	933,365,452	3,846	Stock and debt discount extinguished.....	29,000,139	122
Deductions from gross income:			Total appropriations for year.....	471,801,973	1,944
Net deductions for lease of other roads <sup>2</sup> .....	9,332,310	38	Balance on June 30 carried to general balance sheet.....	1,115,028,899	4,595
Hire of equipment—net debt balance <sup>2</sup> .....	17,438,852	72			

<sup>1</sup> Excludes returns for so-called small roads (having operating revenues below \$100,000 for the year), switching and terminal companies, and for a few roads, the reports of which were not sufficiently complete for use in this statement.

<sup>2</sup> The figures shown for this item represent the net remaining after intercorporate payments were eliminated.

<sup>3</sup> Less than \$1.

**No. 195.—INCOME AND PROFIT AND LOSS STATEMENTS OF OPERATING ROADS OF CLASSES I AND II: YEAR ENDED JUNE 30, 1913.<sup>2</sup>**

[Source: Statistical reports of the Interstate Commerce Commission.]

Item.	Eastern district [62,355.89 miles of line (average mileage operated) represented].	Southern district [46,059.45 miles of line (average mileage operated) represented].	Western district [134,241.78 miles of line (average mileage operated) represented].	Total [242,657.12 miles of line (average mileage operated) represented].
<b>RAILWAY OPERATING INCOME.</b>				
Rail operations:	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
Revenues.....	1,374,687,703	493,688,302	1,282,389,793	3,125,135,798
Expenses.....	981,504,859	336,371,392	852,032,673	2,169,908,924
Net revenue, rail operations.....	393,122,844	131,686,910	430,357,120	955,166,874
Auxiliary (or outside) operations:				
Revenues.....	30,578,809	3,927,144	24,476,083	67,982,036
Expenses.....	30,190,110	3,798,073	22,965,519	65,953,702
Net revenue auxiliary operations.....	388,699	129,071	1,510,564	2,028,334
Net railway operating revenue.....	393,511,543	131,815,981	431,867,684	957,195,208
Railway tax accruals.....	53,999,007	17,201,343	50,805,014	122,005,424
Railway operating income.....	339,512,476	114,614,638	381,062,670	835,189,784
<b>OTHER INCOME.</b>				
Income from lease of road.....	570,527	392,946	2,046,792	3,010,265
Hire of equipment—credit balance.....	7,379,497	5,404,507	3,363,193	16,047,197
Joint facility rent income.....	10,509,993	3,087,125	9,099,792	22,696,910
Miscellaneous rent income.....	4,415,309	739,940	1,379,892	6,535,051
Net profit from miscellaneous physical property.....	5,004,706	463,055	3,164,383	8,632,149
Separately operated properties—profit.....	2,469,984	2,343	4,374,364	6,846,691
Dividend income.....	64,142,219	9,333,493	64,003,555	137,479,267
Income from funded securities.....	8,300,181	5,107,693	24,664,006	38,071,880
Income from unfunded securities and accounts.....	12,643,861	3,727,435	16,833,497	33,204,793
Income from sinking and other reserve funds.....	1,785,352	55,353	853,217	2,693,923
Release of premiums on funded debt.....	35,841	.....	18,484	54,275
Contributions from other companies.....	3,970,701	375,492	.....	4,346,193
Miscellaneous income.....	950,316	325,187	1,568,996	2,844,499
Total other income.....	122,178,487	20,014,569	131,876,037	282,063,093
Gross income.....	461,690,963	143,629,207	512,932,707	1,118,252,877
<b>DEDUCTIONS FROM GROSS INCOME.</b>				
Deductions for lease of other roads.....	69,596,384	10,717,198	53,589,429	133,903,011
Hire of equipment—debit balance.....	18,207,079	2,520,498	13,358,472	34,086,049
Joint facility rent deductions.....	17,077,267	4,913,515	12,590,943	35,181,725
Miscellaneous rent deductions.....	3,193,542	352,036	935,379	4,480,957
Miscellaneous tax accruals.....	1,625,355	38,927	383,899	2,048,181
Net loss on miscellaneous physical property.....	2,788	759	2,874	6,421
Separately operated properties—loss.....	4,179,424	898,021	1,354,672	6,432,117
Interest deductions for funded debt.....	130,452,526	64,118,369	185,574,247	380,145,142
Interest deductions for unfunded debt.....	10,608,978	999,188	14,076,680	26,278,796
Amortization of discount on funded debt.....	183,276	423,070	1,914,627	2,520,973
Transfer of income to other companies.....	1,593,552	8,347	.....	1,601,899
Miscellaneous deductions.....	2,450,652	140,970	429,505	3,021,127
Total deductions.....	259,770,323	85,130,848	284,804,727	629,706,398
Net income.....	201,920,140	58,498,359	228,127,980	488,546,479
<b>DISPOSITION OF NET INCOME.</b>				
Appropriations to sinking and other reserves.....	7,889,576	450,249	4,711,700	13,051,525
Dividend appropriations of income.....	101,606,309	7,308,714	132,835,489	241,750,512
Appropriations for additions and betterments.....	26,887,514	1,627,691	19,507,483	48,022,688

<sup>1</sup> Class I, roads having operating revenues of over \$1,000,000; Class II, roads having such revenues from \$100,000 to \$1,000,000.

<sup>2</sup> Does not include returns for switching and terminal companies and for one road, the report of which was not sufficiently complete for use in this statement. A minus sign (—) denotes deficit or other reverse entries.

No. 195.—INCOME AND PROFIT AND LOSS STATEMENTS OF OPERATING ROADS OF  
 CLASSES I AND II: YEAR ENDED JUNE 30, 1913—Continued.

Item.	Eastern district [62,355.89 miles of line (average mileage operated) represented].	Southern district [40,059.45 miles of line (average mileage operated) represented].	Western district [134,241.78 miles of line (average mileage operated) represented].	Total [242,657.12 miles of line (average mileage operated) represented].
<b>DISPOSITION OF NET INCOME—contd.</b>				
Appropriations for new lines and extensions.....	<i>Dollars.</i> 70,159	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i> 70,159
Stock discount extinguished through income.....		3,566	2,931	6,497
Miscellaneous appropriations of income.....		61,385	1,878,166	1,939,551
Balance transferred to profit and loss....	65,465,582	49,046,754	69,192,211	183,705,547
<b>CHANGES IN PROFIT AND LOSS DURING YEAR.</b>				
Credit balance transferred from income account.....	81,211,363	52,027,304	86,861,292	220,099,959
Profit on road and equipment sold.....	68,488	332,770	311,656	712,914
Delayed income credits.....	1,699,696	1,293,520	1,132,575	4,125,791
Miscellaneous credits.....	15,802,010	6,458,359	21,464,519	43,724,888
Total credits during year.....	98,781,557	60,111,953	109,770,042	268,663,552
Debit balance transferred from income account.....	15,744,781	2,980,550	17,669,081	36,394,412
Appropriations to sinking and other reserves.....	1,334,675	38,150	446,020	1,818,854
Dividend appropriations of surplus.....	28,566,109	27,663,313	29,477,207	85,706,629
Appropriations for additions and betterments.....	7,138,363	1,958,515	6,061,949	15,158,827
Appropriations for new lines and extensions.....		22,746	420,906	449,652
Stock discount extinguished through surplus.....		63,047	1,000,000	1,063,047
Debt discount, extinguished through surplus.....	17,122,724	3,413,894	7,347,537	27,884,155
Miscellaneous appropriations of surplus.....	534,226	20,057	66,350,345	66,904,628
Loss on retired road and equipment.....	6,311,201	308,050	4,723,331	11,343,482
Delayed income debits.....	1,723,450	524,490	4,270,080	6,518,020
Miscellaneous debits.....	14,051,955	1,713,449	6,681,169	22,446,573
Total debits during year.....	92,627,484	38,707,161	144,453,634	275,688,270
Net increase during year.....	6,254,073	21,404,792	-34,683,592	-7,024,727
Balance at beginning of fiscal period.....	296,945,602	119,941,587	661,878,011	1,078,765,200
Balance at end of fiscal period....	303,199,675	141,346,379	627,194,419	1,071,740,473

**No. 196.—INCOME STATEMENT AND PROFIT AND LOSS STATEMENT OF NONOPERATING ROADS SUBSIDIARY TO ROADS OF CLASSES I AND II<sup>1</sup>: YEAR ENDED JUNE 30, 1913.<sup>2</sup>**

[Source: Statistical reports of the Interstate Commerce Commission.]

Item.	Eastern district.	Southern district.	Western district.	Total.
<b>INCOME STATEMENT.</b>				
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
Income from lease of road.....	63,936,911	8,435,133	51,930,231	124,332,275
Miscellaneous rent income.....	1,482,209	546	516,762	1,999,517
Net profit from miscellaneous physical property.....	69,484	39	72,819	142,342
Separately operated properties—profit.....	41,088	.....	.....	41,088
Dividend income.....	236,194	47,599	51	283,844
Income from funded securities.....	477,532	39,666	169,107	686,305
Income from unfunded securities and accounts.....	339,367	5,591	3,305,099	3,650,057
Income from sinking and other reserve funds.....	66,884	52,095	302,202	511,181
Release of premiums on funded debt.....	33,431	.....	.....	33,431
Contributions from other companies.....	108,769	.....	.....	108,769
Miscellaneous income.....	2,331	1,350	317,440	321,121
Total.....	66,824,180	8,582,019	56,703,711	132,109,910
Railway tax accruals.....	172,301	1,935	5,152,300	5,326,536
Gross income.....	66,651,879	8,580,084	51,551,411	126,783,374
Deductions for lease of other roads.....	792,153	37,040	1,942,645	2,771,839
Miscellaneous rent deductions.....	659,111	.....	767,229	1,426,340
Miscellaneous tax accruals.....	20,081	15	15,550	35,646
Net loss on miscellaneous physical property.....	175	.....	4,867	5,042
Separately operated properties—loss.....	3,791	.....	1,827	5,618
Interest deductions for funded debt.....	20,680,130	4,209,533	23,024,502	53,914,230
Interest deductions for unfunded debt.....	2,130,420	1,636,467	1,036,950	4,812,827
Amortization of discount on funded debt.....	44,596	850	12,084	58,130
Transfer of income to other companies.....	3,859	.....	.....	3,859
Miscellaneous deductions.....	3,242,813	245	2,192,145	5,435,203
Total deductions from gross income.....	33,627,129	5,884,145	29,057,460	68,568,734
Net income.....	33,024,750	2,695,939	22,493,951	58,214,640
<b>Disposition of net income:</b>				
Appropriations to sinking and other reserves.....	605,717	143,243	515,819	1,264,779
Dividend appropriations of income.....	34,605,926	2,102,306	2,137,190	38,845,422
Appropriations for additions and betterments.....	1,833,246	307,069	.....	2,140,855
Appropriations for new lines and extensions.....	59,491	.....	.....	59,491
Miscellaneous appropriations of income.....	9,741	.....	.....	9,741
Balance transferred to profit and loss.....	4,089,371	142,781	19,840,942	15,894,352
<b>PROFIT AND LOSS STATEMENT.</b>				
Credit balance transferred from income account.....	1,944,378	661,258	20,390,175	22,995,811
Profit on road and equipment sold.....	20,812	.....	7,550	28,362
Delayed income credits.....	978,969	8	44,545	1,023,522
Miscellaneous credits.....	2,448,590	26,060	4,537,482	7,012,132
Total credits during year.....	5,392,749	687,326	24,979,752	31,059,827
Debit balance transferred from income account.....	6,033,749	518,477	549,233	7,101,459
Appropriations to sinking and other reserves.....	.....	.....	17,628,470	17,628,470
Dividend appropriations of surplus.....	1,792,797	457,272	.....	2,250,069
Appropriations for additions and betterments.....	500,665	.....	.....	500,665
Appropriations for new lines and extensions.....	208	.....	.....	208
Debt discount extinguished through surplus.....	646,440	.....	.....	646,440
Miscellaneous appropriations of surplus.....	12,042,876	274,012	.....	12,316,888
Loss on retired road and equipment.....	110,131	.....	203,085	313,166
Delayed income debits.....	37,492	14,939	20,551	72,982
Miscellaneous debits.....	3,266,680	26,886	805,818	4,099,384
Total debits during year.....	24,431,038	1,291,580	19,207,107	44,929,731
Net increase during year.....	-19,033,289	-604,260	5,772,645	13,869,904
Balance at beginning of fiscal period.....	14,935,937	-640,353	42,862,746	57,158,330
Balance at end of fiscal period.....	-4,102,352	-1,244,613	43,635,391	43,288,426

<sup>1</sup> Class I, roads having operating revenues of over \$1,000,000; Class II, roads having such revenues from \$100,000 to \$1,000,000.

<sup>2</sup> Does not include returns for switching and terminal companies and for a few roads, the reports of which were not sufficiently complete for use in this statement. A minus sign (—) denotes deficit or other reverse entries.

No. 197.—FREIGHT TRAFFIC MOVEMENT ON RAILROADS: SUMMARY, YEARS ENDED JUNE 30, 1906 TO 1913, BY LEADING COMMODITIES.

[Source: Statistical reports of the Interstate Commerce Commission. The term "ton" generally signifies the short ton of 2,000 pounds.]

Commodity.	1913										Total.	
	1906	1907	1908 <sup>1</sup>	1909 <sup>1</sup>	1910 <sup>1</sup>	1911 <sup>1</sup>	1912 <sup>1</sup>	Originating on road.	Received from connecting roads and other carriers.	Tons.		
<b>Products of agriculture:</b>												
Grain.....	70,286,919	71,571,083	63,974,893	63,094,886	67,733,043	71,126,786	70,779,832	50,944,664	38,642,612	89,587,276		
Flour.....	17,479,527	18,161,229	16,892,181	18,306,486	19,729,851	19,557,516	19,971,463	9,523,174	12,244,231	21,767,406		
Other mill products.....	12,294,999	13,679,386	13,177,812	13,926,637	15,632,126	15,475,583	16,817,362	7,829,527	10,089,180	17,918,707		
Hay.....	10,484,816	10,796,785	10,240,215	10,323,433	11,744,710	12,033,156	13,754,257	7,144,455	5,805,025	13,046,480		
Tobacco.....	1,636,283	1,689,638	1,400,130	1,530,854	1,833,353	1,706,044	1,947,001	1,081,104	1,037,210	2,128,314		
Cotton.....	6,316,487	7,774,095	6,232,352	7,095,701	6,122,624	7,228,879	9,221,893	3,941,923	4,055,102	7,987,025		
Fruit and vegetables.....	20,502,423	21,982,354	22,136,132	24,298,311	27,968,758	29,108,043	31,083,546	16,093,354	19,783,304	35,832,653		
Other products of agriculture.....	5,263,407	9,377,145	8,472,620	10,419,435	9,637,198	10,628,085	15,579,590	9,493,116	5,372,211	14,865,327		
<b>Total.....</b>	<b>144,264,800</b>	<b>155,042,225</b>	<b>142,616,385</b>	<b>149,595,693</b>	<b>160,401,693</b>	<b>166,864,072</b>	<b>179,154,919</b>	<b>108,067,317</b>	<b>97,135,875</b>	<b>203,203,192</b>		
<b>Products of animals:</b>												
Live stock.....	13,829,393	19,089,176	18,395,820	18,432,441	18,200,325	20,416,150	20,535,108	15,041,700	6,530,484	21,572,184		
Dressed meats.....	5,738,625	6,143,120	5,618,772	5,656,638	5,953,431	5,637,469	5,702,584	2,408,676	3,449,284	5,855,960		
Other packing-house products.....	6,161,175	5,565,522	5,339,781	5,239,944	4,651,120	4,809,181	5,126,238	2,345,130	2,758,305	5,103,455		
Poultry, game, and fish.....	1,827,078	1,743,233	1,519,612	1,528,947	1,512,280	1,537,942	1,732,682	847,436	1,133,703	1,981,129		
Wool.....	865,212	841,325	775,927	1,002,120	1,023,914	1,017,230	397,950	397,950	556,246	954,196		
Hides and leather.....	2,579,095	2,517,361	2,275,390	2,858,682	3,014,630	2,683,507	2,689,907	1,121,430	1,565,156	2,688,588		
Other products of animals.....	2,856,327	3,721,599	3,814,352	4,334,073	4,388,665	5,085,894	6,490,287	4,286,060	2,821,703	7,107,763		
<b>Total.....</b>	<b>38,856,905</b>	<b>39,571,356</b>	<b>37,739,654</b>	<b>39,033,045</b>	<b>38,624,775</b>	<b>41,214,037</b>	<b>43,204,036</b>	<b>26,446,382</b>	<b>18,814,881</b>	<b>45,261,263</b>		
<b>Products of mines:</b>												
Anthracite coal.....	101,329,264	117,131,956	120,526,424	115,959,131	117,480,501	127,402,064	119,835,080	79,559,049	56,646,336	136,265,455		
Bituminous coal.....	370,812,565	411,590,630	387,623,984	392,821,573	467,060,739	479,638,745	525,444,172	311,142,117	251,323,607	682,465,724		
Coke.....	76,823,033	83,652,083	53,998,184	54,613,163	77,990,907	60,804,241	61,941,110	37,561,668	35,994,033	73,155,701		
Ores.....	123,510,304	136,274,966	97,614,917	113,037,038	158,179,430	133,082,878	138,667,493	110,088,848	61,816,444	171,965,292		

Stone, sand, and other like articles.....	84,467,089	93,383,541	71,619,490	75,080,693	96,861,001	99,329,832	103,293,371	97,752,727	32,743,465	130,496,192
Other products of mines.....	13,694,985	16,527,511	18,376,796	19,692,350	22,493,269	20,848,929	20,031,710	14,835,844	10,803,310	25,639,154
Total.....	770,637,515	838,560,687	749,736,795	771,208,948	942,065,847	921,129,430	969,212,946	650,940,263	448,927,265	1,099,867,548
Products of forests:										
Lumber.....	137,667,280	127,651,743	104,717,411	113,684,830	135,677,828	123,185,647	125,850,692	73,492,887	78,572,329	152,065,216
Other products of forests.....	20,268,799	44,636,074	46,455,429	51,791,366	57,561,905	61,770,233	51,071,833	38,586,277	12,964,001	51,550,278
Total.....	157,936,079	172,287,817	151,172,840	165,476,196	198,239,733	186,955,880	176,422,625	112,079,164	91,536,330	203,615,494
Manufactures:										
Petroleum and other oils.....	14,031,794	14,761,904	14,365,451	14,244,907	16,591,174	17,596,449	20,677,785	12,062,727	11,473,529	23,536,256
Sugar.....	6,165,688	5,647,636	5,714,720	6,448,971	7,036,371	6,923,808	7,754,719	3,599,122	4,830,560	8,429,702
Naval stores.....	1,521,355	1,646,622	1,631,521	1,676,151	1,743,122	1,853,271	1,733,114	1,036,205	632,923	1,689,128
Iron, pig and bloom.....	37,021,977	38,264,729	20,479,456	20,777,587	28,963,137	23,713,623	24,053,768	16,062,860	13,550,422	29,613,282
Iron and steel rails.....	12,499,796	12,396,005	7,764,224	6,466,718	9,378,668	8,920,396	7,983,842	4,780,837	5,856,147	10,615,994
Other castings and machinery.....	27,150,164	29,595,202	20,289,094	20,007,195	27,274,820	23,052,502	23,843,074	14,484,307	16,463,890	30,951,697
Bar and sheet metal.....	31,115,199	35,730,832	21,572,503	22,652,433	34,074,515	29,899,367	31,227,138	17,304,407	20,011,227	37,315,684
Cement, brick, and lime.....	46,567,167	52,338,896	43,919,813	48,304,794	59,626,450	61,082,645	62,187,497	42,850,700	30,388,587	73,239,287
Agricultural implements.....	2,743,293	2,833,170	2,295,006	2,575,560	3,249,071	3,264,739	3,399,214	1,732,544	2,132,601	3,865,145
Wagons, carriages, tools, etc.....	2,736,939	3,047,131	2,455,006	2,282,152	3,293,308	3,008,857	2,914,632	1,617,850	2,235,099	3,852,949
Wines, liquors, and beers.....	5,913,246	6,531,856	6,411,216	6,118,170	6,735,150	6,929,700	7,068,924	4,365,781	3,492,956	7,863,107
Household goods and furniture.....	3,491,373	3,765,144	3,463,908	3,451,820	4,081,175	3,820,113	4,198,706	2,308,162	2,414,071	4,722,233
Other manufactures.....	41,934,077	59,031,051	55,767,607	60,879,583	76,170,549	79,110,164	82,678,331	43,366,063	45,794,132	89,100,195
Total.....	282,992,068	265,629,078	206,186,925	215,886,051	278,137,500	267,776,394	279,770,944	165,532,035	152,257,564	324,738,599
Merchandise.....	60,478,696	63,363,481	53,989,105	57,408,402	61,284,737	60,976,778	67,377,804	42,520,369	35,451,616	77,971,985
Miscellaneous—Other commodities.....	87,867,192	86,956,132	63,686,306	61,072,364	71,600,523	73,097,558	70,837,892	41,254,783	33,666,040	74,920,823
Grand total.....	1,493,033,225	1,641,410,776	1,405,060,010	1,459,700,699	1,745,324,328	1,718,014,118	1,788,071,066	1,144,840,303	884,789,601	2,026,629,904

<sup>1</sup> Excludes traffic movement of switching and terminal companies not heretofore segregated.

<sup>2</sup> Excludes traffic movement of so-called small roads (having operating revenues below \$100,000 for the year) and of switching and terminal companies.

<sup>3</sup> Excludes freight not classified, as follows: 1906, 138,340,994 tons; 1907, 154,925,883 tons; 1908, 127,921,780 tons; 1909, 96,859,042 tons; 1910, 104,573,273 tons; 1911, 63,623,836 tons; 1912, 58,906,807 tons; 1913, 28,406,588 tons.

No. 198.—TAXES AND ASSESSMENTS OF RAILROADS: TOTAL AMOUNT AND AMOUNT PER MILE OF LINE, YEARS ENDED JUNE 30, 1906 TO 1913, BY STATES.

[Source: Statistical reports of the Interstate Commerce Commission.]

State.	1906		1907		1908		1909		1910		1911		1912		1913	
	Amount.	Per mile of line.														
	Dollars.	Dollars.														
Alabama.....	862,685	218	983,658	286	1,369,057	295	1,396,623	298	1,410,412	297	1,520,686	317	1,619,874	336	1,559,193	322
Arizona.....	232,363	180	266,133	142	279,332	148	303,992	157	321,294	158	424,463	209	575,226	279	884,803	418
Arkansas.....	909,916	224	958,057	224	1,055,652	241	1,119,042	224	1,347,159	277	1,490,864	306	1,740,233	365	1,765,588	419
California.....	1,962,675	325	2,390,389	390	3,195,314	494	3,299,273	498	3,443,690	508	3,621,052	524	4,173,318	558	4,280,926	571
Colorado.....	1,421,536	295	1,390,514	287	1,440,719	289	1,497,491	300	1,636,739	306	1,766,000	326	1,831,933	327	1,847,843	339
Connecticut.....	1,241,680	1,220	1,360,234	1,339	1,609,895	1,593	1,693,772	1,686	1,867,521	1,867	1,469,108	1,407	1,227,019	1,226	1,115,007	1,114
Delaware.....	103,763	310	131,282	301	114,538	340	141,639	421	161,388	482	130,031	388	161,354	432	148,946	445
Dist. Columbia.....	42,473	1,459	46,345	1,480	29,675	944	36,539	1,088	56,189	1,562	54,714	1,521	54,292	1,508	55,742	1,659
Florida.....	583,738	170	615,142	176	708,568	187	770,732	198	833,618	208	886,771	212	991,023	224	1,053,651	257
Georgia.....	973,759	158	1,063,654	166	1,291,196	196	1,285,621	194	1,385,516	206	1,486,775	218	1,669,327	247	1,721,668	263
Iowa.....	379,488	244	399,937	233	579,193	312	547,864	288	714,427	345	785,051	337	1,395,779	531	1,434,985	594
Illinois.....	5,364,330	453	5,649,300	472	5,205,961	441	5,460,030	463	5,937,797	501	5,976,477	501	6,395,118	532	6,866,113	575
Indiana.....	3,225,291	451	3,468,895	481	3,585,182	490	3,792,322	518	3,845,333	521	4,145,568	552	4,193,485	569	4,536,007	624
Indian Territory.....	34,638	13	67,165	26												
Iowa.....	2,146,279	217	2,300,545	234	2,254,019	230	2,357,250	242	2,463,401	263	2,630,145	269	2,739,734	280	2,830,763	294
Kansas.....	2,710,285	305	2,637,293	286	3,060,247	343	2,760,507	309	3,074,085	344	2,887,915	316	3,490,893	387	3,401,988	380
Kentucky.....	1,086,530	333	1,213,161	366	1,104,258	333	1,236,719	369	1,073,463	312	1,374,307	396	1,301,159	366	1,637,277	469
Louisiana.....	883,230	241	902,638	218	1,091,021	245	1,171,981	263	1,238,094	280	1,324,555	265	1,444,817	293	1,486,000	330
Maine.....	513,324	262	586,704	292	654,080	314	660,107	314	674,962	301	780,429	345	937,299	417	971,889	465
Maryland.....	842,230	597	861,931	620	910,245	675	975,566	711	1,015,666	742	1,041,519	754	884,929	641	951,652	733
Massachusetts.....	3,506,312	1,683	3,185,260	1,525	3,123,032	1,394	3,097,480	1,484	3,402,387	1,631	3,592,215	1,631	3,592,215	1,723	3,542,864	1,699
Michigan.....	4,884,723	554	3,408,883	398	3,422,888	396	3,599,755	404	4,061,524	469	4,163,187	490	4,104,538	481	4,013,839	478
Minnesota.....	3,074,306	389	3,407,313	429	3,144,571	388	3,206,063	381	3,938,061	461	3,744,265	425	3,909,691	441	4,898,205	543
Mississippi.....	792,073	197	753,265	214	825,268	214	950,823	242	997,063	250	1,013,915	252	1,012,753	252	1,364,658	354

Missouri.....	1,642,600	209	1,622,914	206	1,471,104	187	1,548,796	196	1,830,155	230	1,859,948	232	2,028,768	253	2,204,835	283
Montana.....	784,725	240	882,421	271	1,001,225	298	999,275	289	1,483,834	356	1,634,809	385	1,723,496	405	1,874,409	428
Nebraska.....	1,889,174	240	2,546,264	420	1,858,066	309	1,873,305	311	2,080,864	335	2,182,954	360	2,269,663	375	2,324,355	378
Nevada.....	312,083	263	409,646	268	502,083	283	522,306	291	668,121	388	1,092,779	627	826,293	375	931,520	444
New Hampshire.....	411,101	383	441,713	368	467,327	379	496,375	402	777,864	629	708,217	572	751,443	607	862,257	691
New Jersey.....	2,323,282	1,047	4,561,655	2,047	4,198,431	1,926	5,024,291	2,166	5,065,216	2,290	5,148,853	2,335	7,095,637	3,146	6,823,429	3,187
New Mexico.....	369,565	147	361,411	139	445,753	154	424,508	180	745,120	254	560,874	192	680,909	233	970,915	337
New York.....	5,540,836	671	5,764,330	686	5,552,431	672	6,675,522	800	7,312,137	877	7,561,014	898	10,187,417	1,212	10,526,766	1,291
North Carolina.....	685,914	176	704,533	177	870,207	211	899,381	213	951,781	220	1,017,757	225	1,260,314	280	1,328,202	313
North Dakota.....	991,307	264	1,031,593	285	1,074,277	276	1,207,178	295	1,427,261	341	1,400,463	317	1,600,454	379	1,802,379	364
Ohio.....	4,686,549	519	5,080,488	569	5,102,702	565	5,330,622	599	5,457,363	611	6,144,151	680	7,006,516	774	7,800,153	872
Oklahoma.....	591,282	212	544,984	194	1,046,490	187	2,643,603	460	2,967,148	499	2,774,641	460	2,648,149	432	3,117,463	509
Oregon.....	357,731	211	391,737	228	527,342	297	861,482	446	912,851	444	830,462	380	1,461,162	603	1,479,983	599
Pennsylvania.....	6,982,973	645	5,541,396	510	5,896,986	554	5,917,452	552	6,362,492	587	7,491,403	689	7,092,339	647	8,489,875	810
Rhode Island.....	235,013	1,128	229,309	1,100	243,382	1,204	259,775	1,243	276,268	1,302	283,326	1,336	287,294	1,411	350,960	1,773
South Carolina.....	528,359	167	556,712	176	711,405	224	731,232	226	763,846	232	819,966	248	875,679	269	863,742	272
South Dakota.....	338,003	107	355,811	101	525,505	153	664,523	182	834,162	211	882,728	213	942,935	227	956,241	220
Tennessee.....	920,766	263	935,567	267	1,038,629	298	1,091,261	301	1,180,760	326	1,228,618	334	1,363,374	368	1,344,055	370
Texas.....	1,417,765	118	1,910,682	153	3,098,759	243	2,456,776	189	2,687,542	196	2,912,477	199	3,399,520	253	3,216,712	225
Utah.....	549,385	313	575,081	320	686,266	381	672,446	375	692,424	383	723,673	394	822,741	412	933,246	456
Vermont.....	170,230	161	177,040	172	210,260	205	230,476	226	256,657	251	280,217	272	293,873	286	386,888	395
Virginia.....	1,276,937	334	1,492,013	376	1,600,136	385	1,598,542	369	1,756,022	400	2,153,796	488	2,193,180	494	2,444,540	532
Washington.....	1,164,332	354	1,443,564	415	1,933,175	549	2,080,051	507	3,150,542	685	2,844,978	568	3,615,284	736	3,749,488	769
West Virginia.....	622,736	214	1,237,049	413	1,391,699	471	1,426,282	467	1,453,699	463	1,473,675	461	1,435,946	452	1,492,545	477
Wisconsin.....	2,707,201	357	3,099,273	414	2,985,945	409	3,162,137	440	3,162,137	440	3,306,656	456	3,583,427	462	3,855,843	544
Wyoming.....	205,445	165	211,122	141	336,089	216	360,785	220	614,314	334	614,314	334	614,314	334	655,993	403
Total.....	74,602,171	349	80,108,006	367	84,563,595	382	90,333,559	401	99,423,112	431	103,873,193	444	115,643,032	488	122,817,394	528

<sup>1</sup> Excludes taxes of switching and terminal companies.

<sup>2</sup> Excludes taxes of so-called small roads (having operating revenues below \$100,000 for the year) and switching and terminal companies.

<sup>3</sup> The figures exclude certain amounts of taxes not apportioned by States, as follows: 1906, \$183,444; 1907, \$204,369; 1908, \$103,995; 1909, \$224,767; 1910, \$4,431,754 (including \$4,315,195, assessed by the United States Government, chiefly as a special excise tax); 1911, \$5,027,406 (including \$4,870,776, assessed by the United States Government, chiefly as a special excise tax); 1912, \$5,020,660 (including \$4,861,746, assessed by the United States Government, chiefly as a special excise tax); 1913, \$5,108,433 (including \$4,908,212, assessed by the United States Government, chiefly as a special excise tax).

**No. 199.—RAILROAD ACCIDENTS: NUMBER OF EMPLOYEES, PASSENGERS, AND OTHER PERSONS KILLED, AND NUMBER INJURED, 1892 TO 1910.**

[Source: Statistical reports of the Interstate Commerce Commission.]

Year ended June 30—	Employees.		Passengers.		Other persons.		Total.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1892.....	2,554	28,267	376	3,227	4,217	5,158	7,147	36,652
1893.....	2,727	31,729	299	3,229	4,320	5,435	7,346	40,393
1894.....	1,823	23,422	324	3,034	4,300	5,433	6,447	31,889
1895.....	1,811	25,096	170	2,375	4,155	5,677	6,136	33,743
1896.....	1,861	29,969	181	2,873	4,408	5,845	6,448	38,687
1897.....	1,693	27,667	222	2,795	4,522	6,269	6,437	36,731
1898.....	1,958	31,761	221	2,945	4,680	6,176	6,859	40,882
1899.....	2,210	34,023	239	3,442	4,674	6,255	7,123	44,020
1900.....	2,550	39,643	249	4,128	5,066	6,549	7,865	50,320
1901.....	2,675	41,142	282	4,988	5,498	7,209	8,455	53,339
1902.....	2,969	50,524	345	6,683	5,274	7,455	8,588	64,662
1903.....	3,606	60,481	355	8,231	5,879	7,841	9,840	76,553
1904.....	3,632	67,067	441	9,111	5,973	7,977	10,046	84,155
1905.....	3,361	66,833	537	10,457	5,805	8,718	9,703	80,008
1906.....	3,929	79,701	359	10,764	6,330	10,241	10,618	97,706
1907.....	4,534	87,644	610	13,041	6,695	10,331	11,839	111,016
1908 <sup>1</sup> .....	3,405	82,487	381	11,556	6,402	10,187	10,188	104,230
1909 <sup>1</sup> .....	2,610	75,006	253	10,311	5,339	10,309	8,722	95,626
1910 <sup>1</sup> .....	3,382	95,671	324	12,451	5,976	11,385	9,682	119,507

<sup>1</sup>Excludes accidents reported by switching and terminal companies.

**No. 200.—RAILROAD ACCIDENTS: NUMBER OF EMPLOYEES, TRAINMEN, AND PASSENGERS FOR ONE KILLED AND NUMBER FOR ONE INJURED, 1892 TO 1910.**

[Source: Statistical reports of the Interstate Commerce Commission.]

Year ended June 30—	Number of employ- ees for one—		Number of trainmen for one—		Number of passen- gers for one—	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1892.....	322	29	113	10	1,491,910	173,833
1893.....	320	28	115	10	1,985,153	183,822
1894.....	428	33	156	12	1,668,701	178,210
1895.....	433	31	155	11	2,984,832	213,651
1896.....	444	28	152	10	2,827,474	178,132
1897.....	486	30	165	12	2,204,708	175,115
1898.....	447	28	150	11	2,267,270	170,141
1899.....	420	27	155	11	2,189,023	151,998
1900.....	399	26	137	11	2,316,591	139,736
1901.....	400	26	136	13	2,153,469	121,748
1902.....	401	24	135	10	1,883,706	97,244
1903.....	364	22	123	10	1,957,441	84,424
1904.....	357	19	120	9	1,622,267	78,523
1905.....	411	21	133	9	1,375,856	70,655
1906.....	387	20	124	8	2,222,601	74,131
1907.....	369	19	125	8	1,432,631	67,012
1908 <sup>1</sup> .....	422	17	150	8	2,335,933	77,017
1909 <sup>1</sup> .....	576	20	205	9	3,523,606	86,458
1910 <sup>1</sup> .....	502	18	185	9	2,999,022	78,041

<sup>1</sup> See note 1, p. 270.

## No. 201.—RAILROAD ACCIDENTS: CASUALTIES TO PERSONS, YEARS ENDED JUNE 30, 1913 AND 1914.

[Source: Accident bulletins of the Interstate Commerce Commission.]

Cause. <sup>2</sup>	1913										1914									
	Number of accidents.		Passengers.		Employees (including employees not on duty).		Other persons (trespassers and nonresidents).		Total persons.		Number of accidents.		Passengers.		Employees (including employees not on duty).		Other persons (trespassers and nonresidents).		Total persons.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions.....	6,477		141	4,470	286	3,455	30	106	457	8,031	5,241	38	3,426	226	2,324	23	126	287	5,876	
2. Derailments.....	9,049		39	4,076	233	2,291	62	167	334	6,534	8,565	46	3,512	214	1,853	58	191	318	5,561	
3. Miscellaneous train accidents, including locomotive-boiler explosions.....	1,737		1	116	50	1,305	7	11	53	1,432	1,200	1	63	17	753	3	9	21	830	
Total train accidents.....	17,263		181	8,662	569	7,051	99	284	849	15,937	15,006	85	7,001	457	4,940	84	326	626	12,267	
4. Accidents to roadway or bridges not causing derailment, such as fires, floods, landslides, explosions, etc.....	983				7	17	1	1	8	18	877				10	3	2	3	12	
5. Accidents in connection with railroad operation other than those to trains or roadway, not including industrial accidents.....			222	7,877	2,725	50,729	6,746	12,067	9,693	70,673		180	8,120	2,393	46,988	6,691	12,001	9,264	67,109	
Total.....			403	16,539	3,301	57,797	6,846	12,352	10,550	83,688		265	15,121	2,850	51,938	6,778	12,329	9,893	79,388	
Industrial accidents to employees:					162	25,369			102	25,369				154	26,941			154	26,941	
6. While working on tracks or bridges:																				
7. At stations, freight houses, engine houses, coaling stations, water stations, etc., where no moving railroad car or engine is involved:					81	25,950			81	25,950				70	26,126			70	26,126	
8. In and around shops.....					33	54,554			33	54,554				101	53,051			101	53,051	
9. On boats and wharves.....					26	1,802			26	1,802				22	1,788			22	1,788	
10. At other places.....					62	6,305			62	6,305				62	5,368			62	5,368	
Total casualties in industrial accidents.....					414	113,620			414	113,620				409	113,274			409	113,274	
Total casualties in all accidents.....			403	16,539	3,715	171,417	6,846	12,352	10,964	200,308		265	15,121	3,259	165,212	6,778	12,329	10,302	192,662	

<sup>1</sup> See also preceding table.<sup>2</sup> Items 1 to 5, inclusive, cover all accidents to and around trains, cars, and engines, including, in general, all casualties resulting from train operation. "Industrial" accidents (items 6 to 10, inclusive) are those which do not involve train operation, but occur to railroad employees other than trainmen on railroad premises.

**No. 202.—RAILROADS PLACED UNDER RECEIVERSHIP AND SOLD UNDER FORECLOSURE: NUMBER AND MILEAGE, 1876 TO 1914.**

[Source: The Railway Age, Chicago.]

Calendar year.	Placed under receivership.			Sold under foreclosure.		
	Number of roads.	Miles.	Stocks and bonds.	Number of roads.	Miles.	Stocks and bonds.
			<i>Dollars.</i>			<i>Dollars.</i>
1876.....	42	6,662	467,000,000	30	8,840	217,848,000
1877.....	38	3,637	220,294,000	54	3,875	198,984,000
1878.....	27	2,320	92,385,000	48	3,906	311,631,000
1879.....	12	1,102	39,367,000	65	4,909	248,288,000
1880.....	13	885	140,265,000	81	3,775	263,832,000
1881.....	5	110	3,742,000	29	2,617	137,923,000
1882.....	12	912	39,074,000	16	807	65,426,000
1883.....	11	1,990	108,470,000	18	1,354	47,100,000
1884.....	37	11,838	714,765,000	15	710	23,504,000
1885.....	44	8,836	385,460,000	22	3,156	278,394,000
1886.....	13	1,799	70,346,000	45	7,637	374,109,000
1887.....	9	1,046	90,318,000	31	5,478	328,181,000
1888.....	22	3,270	186,814,000	19	1,596	64,555,000
1889.....	22	3,808	99,664,000	25	2,980	137,815,000
1890.....	26	2,963	105,007,000	29	3,825	182,496,000
1891.....	26	2,159	84,479,000	21	5,223	169,069,000
1892.....	36	10,608	357,692,000	28	1,922	95,898,000
1893.....	74	29,340	1,781,046,000	25	1,613	79,924,000
1894.....	33	7,025	395,791,000	42	5,643	318,999,000
1895.....	31	4,089	369,075,000	52	12,831	761,791,000
1896.....	34	6,441	275,597,000	58	13,730	1,150,377,000
1897.....	18	1,537	92,909,000	42	6,075	517,080,000
1898.....	18	2,069	133,701,000	47	6,054	252,910,000
1899.....	10	1,019	52,285,000	32	4,294	267,534,000
1900.....	16	1,165	78,234,000	24	3,477	190,374,000
1901.....	4	73	1,627,000	17	1,139	85,808,000
1902.....	5	278	5,835,000	20	693	39,788,000
1903.....	9	229	18,823,000	13	555	15,885,000
1904.....	8	744	36,069,000	18	524	28,236,000
1905.....	10	3,693	176,321,000	6	679	20,307,000
1906.....	6	204	55,042,000	8	262	10,400,000
1907.....	7	317	13,585,000	6	114	13,777,000
1908.....	24	8,009	596,359,000	3	138	2,547,000
1909.....	5	859	78,095,000	12	2,629	250,033,000
1910.....	7	735	51,427,500	17	1,100	98,690,100
1911.....	5	2,606	210,006,882	13	1,386	40,741,453
1912.....	13	3,784	182,112,497	12	661	25,910,990
1913.....	17	9,020	477,730,820	6	1,159	86,163,850
1914.....	22	4,222	199,571,446	9	1,470	83,189,500
Total.....	776	149,398	8,462,025,145	1,003	122,496	7,476,168,002

**No. 203.—EXPRESS COMPANIES: CLASSIFICATION OF MILEAGE COVERED BY OPERATIONS, JUNE 30, 1913 AND 1914.**

[Source: Statistical report of the Interstate Commerce Commission.]

Company.	Steam road.	Electric line.	Steamboat line.	Stage line.	Total, 1913.	Total, 1914.
	<i>Miles.</i>	<i>Miles.</i>	<i>Miles.</i>	<i>Miles.</i>	<i>Miles.</i>	<i>Miles.</i>
Adams Express Co.....	33,123.36	601.43	4,328.00	27.00	38,085.29	38,332.94
American Express Co.....	57,558.85	949.70	3,003.75	19.50	61,531.80	61,518.83
Canadian Express Co.....	6,300.53	66.00	737.00	22.00	7,125.53	10,276.53
Canadian Northern Express Co.	5,736.67	22.00	.....	.....	5,758.67	6,386.78
Globe Express Co.....	2,339.78	.....	.....	.....	2,339.78	2,339.78
Great Northern Express Co.	3,912.65	215.59	202.00	.....	4,330.24	4,333.29
Northern Express Co.....	7,737.60	55.70	315.00	.....	8,108.30	8,118.34
Southern Express Co.....	32,541.60	122.00	743.00	.....	33,406.60	33,704.60
United States Express Co.....	29,133.01	3,547.45	450.70	.....	33,130.16	30,938.33
Wells, Fargo & Co.....	62,939.72	2,834.81	30,423.39	1,033.87	97,236.79	99,017.36
Western Express Co.....	4,996.97	4.00	4.00	4.00	5,008.97	5,174.26
Total.....	251,825.74	8,468.68	40,220.84	1,106.37	301,621.63	305,690.97

<sup>1</sup> Includes 7,680.95 miles of electric lines; 40,920.84 miles of steamboat lines; and 806.63 miles of stage lines.

No. 204.—EXPRESS COMPANIES: INCOME ACCOUNT AND PROFIT AND LOSS ACCOUNT OF SPECIFIED COMPANIES, YEARS ENDED JUNE 30, 1913 AND 1914, WITH TOTALS FOR 1912.

[Source: Statistical reports of the Interstate Commerce Commission.]

1913.

Item.	Adams Express Co.	American Express Co. <sup>1</sup>	Canadian Express Co.	Globe Express Co.	Great Northern Express Co.	Northern Express Co.
INCOME ACCOUNT.						
Gross receipts from operation	Dollars. 35,182,128	Dollars. 47,849,010	Dollars. 957,276	Dollars. 820,912	Dollars. 3,351,831	Dollars. 3,219,726
Express privileges—Dr.	18,444,345	23,277,072	372,603	407,458	2,009,028	1,732,155
Operating revenues	16,737,783	24,571,938	584,673	413,454	1,342,803	1,487,571
Operating expenses	16,565,816	23,680,868	365,884	379,268	1,037,876	1,128,468
Net operating revenue	171,967	892,070	218,889	34,186	304,927	359,103
Net revenue from outside operations	* 65,222					
Total net revenue	106,745	922,070	218,889	34,186	304,927	359,103
Taxes accrued	196,618	360,162	6,317	12,250	47,073	56,151
Operating income	* 89,873	571,878	212,522	21,936	257,854	303,952
Other income	2,030,766	1,386,818		162,928	2,665	53,134
Gross income	1,940,893	1,968,696	212,522	184,864	260,219	357,086
Deductions from gross income	935,412	132,888	644		16,093	17,515
Net corporate income	1,005,481	1,835,808	211,878	184,864	244,126	339,571
Dividends declared from current income	1,210,080			180,642		300,000
Other deductions from net corporate income						
Balance to credit of profit and loss	* 204,599	1,835,808	211,878	4,822	244,126	39,571
PROFIT AND LOSS ACCOUNT.						
Credit balance on June 30 of the preceding year		21,499,301			310,106	515,393
Credit balance for the year from income	26,726,686	1,835,808	743,851	310,106	202,108	39,571
Dividends declared out of surplus	* 204,599		6,822	4,822	244,126	300,000
Other profit and loss items—credit balance	* 229,979	2,117,700	954,356			100,000
		* 1,918,948	* 1,373	206	* 7,732	34
Balance credit, June 30, carried to balancesheet	26,292,108	19,298,461		315,134	438,302	454,988

<sup>1</sup> Statement includes the operations of the National Express Co., such operations being entirely for and on account of the American Express Co.

<sup>2</sup> Debit.

<sup>3</sup> Represents balance turned over to Grand Trunk Railway Co. of Canada.

No. 204.—EXPRESS COMPANIES: INCOME ACCOUNT AND PROFIT AND LOSS ACCOUNT OF SPECIFIED COMPANIES, YEARS ENDED JUNE 30, 1913 AND 1914, WITH TOTALS FOR 1912—Continued.

1913—Continued.

Item.	Southern Express Co.	United States Express Co.	Wells, Fargo & Co.	Western Express Co.	Grand total, 12 companies, 11 companies.	
					1912	1913
INCOME ACCOUNT.						
Gross receipts from operation.....	Dollars. 16,182,357	Dollars. 21,620,710	Dollars. 34,934,814	Dollars. 1,328,853	Dollars. 160,121,932	Dollars. 168,880,924
Express privileges—Dr.....	8,045,074	10,446,376	16,908,591	711,503	78,576,274	83,572,497
Operating revenues.....	8,137,283	11,174,334	18,026,223	617,355	81,545,668	85,008,427
Operating expenses.....	6,801,421	11,145,178	16,010,198	567,429	73,255,682	79,215,709
Net operating revenue.....	1,335,862	29,156	2,016,025	49,926	8,288,976	5,792,718
Net revenue from outside operations.....	1,463,636	.....	9,926	.....	1,463,636	1,599,982
Taxes accrued.....	1,331,226	29,186	2,025,951	49,926	8,243,353	5,732,786
Total net revenue.....	161,243	138,668	387,202	11,214	1,430,809	1,376,269
Operating income.....	1,169,983	1,109,512	1,688,749	38,712	6,812,544	4,333,527
Other income.....	136,900	356,760	1,390,685	3,172	5,369,823	5,533,828
Gross income.....	1,306,883	247,248	3,079,434	41,884	12,182,367	9,887,355
Deductions from gross income.....	20,960	24,280	14,008	.....	1,237,996	1,276,465
Net corporate income.....	1,285,923	222,968	3,045,426	41,884	10,944,371	8,610,890
Dividends declared from current income.....	400,000	.....	2,396,740	.....	4,025,832	4,079,823
Other deductions from net corporate income.....	.....	.....	.....	6,505	54,020	6,595
Balance to credit of profit and loss.....	885,923	222,968	648,686	35,289	6,264,519	3,924,472
PROFIT AND LOSS ACCOUNT.						
Credit balance on June 30 of the preceding year.....	4,818,222	1,170,868	5,935,046	33,981	58,133,927	61,985,552
Credit balance for the year from income.....	885,923	222,968	648,686	35,289	6,264,519	3,924,472
Dividends declared out of surplus.....	.....	.....	.....	.....	2,823,785	3,172,056
Other profit and loss items—credit balance.....	1,203,329	1,206,431	89,881	1,449	324,267	1,2,542,690
Balance credit, June 30, carried to balance sheet.....	5,440,816	1,186,895	6,673,623	64,851	61,948,928	60,185,378

1914.

Item.	Adams Express Co.	American Express Co. <sup>2</sup>	Canadian Express Co.	Canadian Northern Express Co.	Globe Express Co.	Great Northern Express Co.	Northern Express Co.
INCOME ACCOUNT.							
Gross receipts from operation.....	Dollars. 33,613,442	Dollars. 19,102,949	Dollars. 971,947	Dollars. 3,296,065	Dollars. 679,294	Dollars. 3,296,065	Dollars. 3,064,809
Express privileges—Dr.....	17,592,492	22,151,806	374,704	1,970,918	336,571	1,970,918	1,687,573
Operating revenues.....	16,081,010	22,951,143	597,243	1,323,147	342,724	1,323,147	1,417,236
Operating expenses.....	16,842,683	23,214,575	1,061,834	1,086,305	357,917	1,086,305	1,093,244
Net operating revenue.....	1 761,643	1 263,492	121,939	236,842	2 15,193	236,842	323,992
Net revenue from outside operations.....	1 64,871		5,827				
Total net revenue.....	1 826,514	1 263,492	127,766	242,669	2 15,193	242,669	323,992
Taxes accrued.....	1 203,743	381,338	21,157	45,659	2 12,049	45,659	60,376
Operating income.....	1 1,080,256	1 644,770	173,093	197,010	2 27,243	197,010	263,616
Other income.....	1 806,311	618,628			188,998	2,556	51,527
Gross income.....	776,055	1 26,144	173,093	173,093	161,755	195,739	315,143
Deductions from gross income.....	927,339	174,607	170	170		6,704	13,930
Net corporate income.....	1 151,285	1 200,751	172,922	172,922	161,755	189,035	301,213
Dividends declared from current income.....			88,816	88,816	180,042	100,000	300,000
Other deductions from net corporate income.....							
Balance to credit of profit and loss.....	1 151,285	1 200,751	172,922	172,922	1 18,287	89,035	1,213
PROFIT AND LOSS ACCOUNT.							
Credit balance on June 30 of the preceding year.....	26,282,108	19,288,451			315,134	438,522	454,988
Credit balance for the preceding year from income.....	1 151,285	1 200,751	172,922	172,922	1 18,287	89,035	1,213
Dividends declared out of surplus.....	907,560	1,400,800	169,323	169,323		100,000	
Other profit and loss items—credit balance.....	1 18,323,689	1 11,820,980	1 3,999	1 3,999	86		114
Balance credit, June 30, carried to balance sheet.....	6,909,564	5,875,930			296,952	427,537	456,315

<sup>1</sup> Debit.  
<sup>2</sup> Statement includes the operations of the National Express Co., such operations being entirely for and on account of the American Express Co.  
<sup>3</sup> Represents balance turned over to Grand Trunk Railway Co. of Canada.

No. 204.—EXPRESS COMPANIES: INCOME ACCOUNT AND PROFIT AND LOSS ACCOUNT OF SPECIFIED COMPANIES, YEARS ENDED JUNE 30, 1913 AND 1914, WITH TOTALS FOR 1912—Continued.

1914—Continued.

Item.	Southern Express Co.	United States Express Co.	Wells, Fargo & Co.	Western Express Co.	Grand total, 11 companies, 1914.
INCOME ACCOUNT.					
Gross receipts from operation.....	Dollars. 15,992,824	Dollars. 19,639,943	Dollars. 31,862,933	Dollars. 1,226,873	Dollars. 158,881,325
Express privileges—Dr.....	8,041,709	9,716,447	15,816,159	1,661,286	79,906,078
Operating revenues.....	7,951,115	9,923,496	16,046,773	565,588	78,985,248
Operating expenses.....	6,889,891	10,473,836	14,600,091	593,656	77,221,995
Net operating revenue.....	1,061,224	1,555,340	1,446,683	128,068	1,763,254
Net revenue from outside operations.....	12,748		27,905		1,33,887
Total net revenue.....	1,088,477	1,555,340	1,474,588	128,068	1,729,368
Taxes accrued.....	181,488	183,076	402,426	10,887	1,491,688
Operating income.....	876,989	1,680,016	1,072,162	128,005	237,680
Other income.....	183,682	389,911	1,296,296	3,871	4,501,778
Gross income.....	1,080,671	1,299,105	2,358,457	135,034	4,739,446
Deductions from gross income.....	14,781	81,508	13,882	6,825	1,239,724
Net corporate income.....	1,015,889	1,380,611	2,344,575	141,859	3,499,719
Dividends declared from current income.....	400,000		1,917,392		2,886,250
Other deductions from net corporate income.....					
Balance to credit of profit and loss.....	615,889	1,380,611	427,203	141,859	513,469
PROFIT AND LOSS ACCOUNT.					
Credit balance on June 30 of the preceding year.....					60,165,378
Credit balance for the year from income.....	5,440,816	1,186,895	6,673,623	64,851	513,469
Dividends declared out of surplus.....	615,889	380,611	427,203	141,859	2,577,683
Other profit and loss items—credit balance.....	18,281	1,199,127	1,139,610		1,30,468,554
Balance credit, June 30, carried to balance sheet.....	6,074,986	607,157	6,961,216	22,993	27,632,630

1 Debit.

No. 205.—LOWER MISSISSIPPI RIVER: COMMERCE (RECEIPTS AND SHIPMENTS), 1901 to 1913.<sup>1</sup>

[Source: From reports of the Chief of Engineers, War Department.]

Section of river and year.	Grain and its products.	Cotton.	Cotton seed and its products.	Live stock.	Coal and coke.	Lumber.	Logs.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<b>St. Louis and Cairo:</b>							
1901	137,954	308		31,981	80,950	94,704	37,600
1902	194,175	3,144		46,458	110,090	130,595	77,089
1903	103,114	585	340	18,010	119,727	120,231	89,662
1904	72,497	471	1,481	16,266	108,955	38,510	65,990
1905	50,441	1,991	912	21,048	131,756	21,143	101,111
1906	28,858	1,177	673	11,542	170,830	10,765	120,113
1907	19,832	1,522	260	11,075	166,360	25,179	49,175
1908	12,589	1,697	765	9,872	190,397	3,882	87,070
1909	21,325	3,129	614	15,184	164,466	19,925	58,040
1910	16,981	972	982	6,581	113,673	5,786	44,555
1911	23,578	1,889	2,871	8,868	165,398	7,732	63,968
1912	12,496	1,251	1,997	5,507	145,227	6,429	37,856
1913	20,179	1,264	1,367	8,199	152,150	10,855	27,636
<b>Cairo and Memphis:</b>							
1901	103,599	13,647	21,750	1,903	1,359,462	228,493	309,395
1902	91,593	50,315	23,813	536	1,289,830	237,294	386,977
1903	100,222	10,065	10,850	15,040	1,266,378	209,541	430,530
1904	8,782	15,455	12,064	618	1,250,476	192,481	603,465
1905	51,123	9,573	11,069	200	1,328,930	242,070	480,051
1906	4,551	10,903	13,288		1,030,000	254,156	238,464
1907	5,771	11,905	9,276		1,031,154	183,036	464,969
1908	4,321	11,620	10,249	130	920,783	110,256	369,190
1909	11,340	12,489	9,567	3,942	737,761	70,848	305,710
1910	15,669	13,815	8,276	3,780	508,696	72,880	335,662
1911	22,536	14,271	9,142	5,084	1,199,492	41,975	388,820
1912	78,679	11,214	6,493	4,944	881,523	58,775	275,930
1913	21,033	10,187	6,536	4,550	867,262	57,447	175,410
<b>Memphis and Vicksburg:</b>							
1901	143,791	49,553	39,855	5,200	1,281,393	55,747	129,286
1902	119,197	55,075	37,175	14,719	1,248,046	124,703	175,409
1903	114,074	31,695	145,988	4,830	1,281,311	30,026	236,621
1904	16,017	87,581	52,757	3,966	1,077,693	76,367	630,220
1905	47,960	66,556	64,699	4,091	1,097,768	128,697	334,499
1906	33,000	64,906	60,525	3,236	842,513	402,456	288,250
1907	21,937	37,843	24,206	7,586	871,034	157,930	373,605
1908	14,069	30,469	33,665	7,023	857,895	104,807	116,748
1909	17,325	20,563	23,287	10,792	632,570	78,110	223,434
1910	20,295	20,770	26,743	11,791	392,561	59,378	187,050
1911	23,147	21,595	21,870	10,891	1,090,856	34,173	412,392
1912	13,950	18,562	16,725	7,495	733,135	34,820	300,607
1913	13,138	17,252	15,130	12,230	763,805	46,536	271,720
<b>Vicksburg and New Orleans:</b>							
1901	112,314	71,925	60,936	2,954	1,225,970	37,359	.....
1902	102,544	64,774	39,973	4,814	1,220,057	49,350	52,433
1903	125,236	39,519	53,909	7,337	1,253,372	80,500	212,375
1904	23,873	40,997	63,901	4,653	1,020,500	25,358	133,638
1905	24,062	25,349	39,454	3,945	1,080,075	35,203	233,388
1906	24,298	53,269	25,224	3,353	832,410	67,720	184,591
1907	31,532	38,262	73,242	2,834	850,200	45,764	167,607
1908	34,272	30,207	35,620	3,111	801,596	19,243	169,974
1909	34,794	10,599	17,103	2,105	607,383	31,501	242,574
1910	28,470	6,578	10,339	1,846	304,559	14,993	71,538
1911	33,092	7,572	14,347	5,313	1,093,371	36,743	18,869
1912	31,551	4,325	5,486	3,634	748,609	68,454	40,572
1913	30,942	8,210	15,943	3,953	725,319	74,049	0,443

<sup>1</sup> Through traffic passing two or more sections of the river is included in each section; and the sum of the traffic of the four sections would involve a considerable amount of duplication.

No. 205.—LOWER MISSISSIPPI RIVER: COMMERCE (RECEIPTS AND SHIPMENTS),  
1901 TO 1913—Continued.

Section of river and year.	Iron, steel, and metals.	Groceries and pro- visions.	Gravel, sand, and stone.	Oil. <sup>1</sup>	Miscellane- ous and un- classified.	Total.
<b>St. Louis and Cairo:</b>	<i>Tons.</i>	<i>Tons.</i>	<i>Tons.</i>	<i>Tons.</i>	<i>Tons.</i>	<i>Tons.</i>
1901	29,122	83,656			67,573	563,848
1902	3,873	105,171			280,869	951,464
1903	82,797	35,485			79,230	649,181
1904	1,400	18,581	14,569		93,574	886,486
1905	135	18,958			69,526	417,021
1906	325	7,779	37,800		68,154	458,016
1907	739	2,100	1,000		55,025	332,267
1908	15,925	12,166	14,560		40,454	389,357
1909	4,999	11,247		478	19,147	318,584
1910	188	10,694	45,314	35	43,998	289,759
1911	1,627	20,642		6,400	23,166	326,139
1912		14,161	184	14,632	36,478	276,203
1913	502	14,684	213	6,982	37,154	281,085
<b>Cairo and Memphis:</b>						
1901	55,572	37,340			175,141	2,306,302
1902	247,565	15,317			155,121	2,548,331
1903	77,331	4,836	13,000		112,467	2,250,260
1904	45,549	3,745	29,700		92,978	2,153,254
1905	55,153	4,844	5,800		43,550	2,238,363
1906	58,449	762	21,300		88,020	1,719,893
1907	28,422	2,517	15,200		83,496	1,835,746
1908	38,868	579	25,500	26	44,077	1,550,669
1909	34,835	13,160	16,830	2	15,603	1,232,093
1910	20,828	17,211	21,481		20,897	1,039,195
1911	86,564	28,070	32,220		29,942	1,857,616
1912	28,092	17,938	24,302	53	37,979	1,425,922
1913	22,108	18,741	38,728	40	39,620	1,261,662
<b>Memphis and Vicksburg:</b>						
1901	32,851	74,221			44,442	1,856,339
1902	51,052	47,289			67,301	1,940,020
1903	44,369	31,191	10,000		34,317	2,018,222
1904	16,246	28,739	19,000		32,016	2,040,598
1905	16,409	30,471	19,336		45,354	1,855,830
1906	35,898	32,507	491,468		41,122	2,355,901
1907	22,278	27,646	72,660	4,234	40,357	1,661,406
1908	21,783	10,800	25,540	4,781	24,582	1,252,222
1909	10,949	25,971	541	2,746	24,743	1,071,037
1910	15,421	34,660	186,516	2,222	22,179	980,366
1911	11,130	24,199	228,303	2,025	30,273	1,910,854
1912	7,501	20,852	216,468	407	25,167	1,394,789
1913	9,662	20,092	331,812	671	35,318	1,542,456
<b>Vicksburg and New Orleans:</b>						
1901	31,272	154,877			137,557	1,835,174
1902	51,714	198,099			399,500	2,159,258
1903	52,891	157,540	27,983		187,030	2,207,692
1904	116,371	118,458	377,415		186,466	2,117,840
1905	24,062	86,833	526,852		382,932	2,462,974
1906	29,928	77,839	858,572		397,127	2,554,336
1907	16,235	60,042	926,445	219,075	154,039	2,585,277
1908	20,333	100,005	321,498	261,869	70,184	1,867,912
1909	10,264	60,650	770,941	233,191	83,606	2,104,720
1910	9,707	58,941	657,656	223,084	81,709	1,530,230
1911	7,246	98,200	625,259	423,446	62,918	2,426,376
1912	8,209	101,372	264,000	410,658	105,850	1,897,740
1913	7,696	108,979	236,532	1,128,677	70,916	2,417,859

<sup>1</sup> Included under "Miscellaneous and unclassified" prior to 1907.

**No. 206.—ANNUAL AVERAGE FREIGHT RATES ON WHEAT, BY LAKE AND CANAL, BY LAKE AND RAIL, AND BY ALL RAIL, FROM CHICAGO TO NEW YORK, AND FROM NEW YORK TO LIVERPOOL, BY STEAM: 1873 to 1914.**

[Source: Mr. Henry Heinzler, statistician, New York Produce Exchange.]

Calendar year.	Average rates per bushel, Chicago to New York.			New York to Liverpool.	Calendar year.	Average rates per bushel, Chicago to New York.			New York to Liverpool.
	By lake and canal. <sup>1</sup>	By lake and rail.	By all rail.			By lake and canal. <sup>1</sup>	By lake and rail.	By all rail.	
	Cents.	Cents.	Cents.	Pence.		Cents.	Cents.	Cents.	Pence.
1873.....	19.19	26.9	33.2	10 <sup>1</sup> / <sub>2</sub>	1894.....	4.44	7.0	12.88	11 <sup>1</sup> / <sub>2</sub>
1874.....	14.1	16.9	28.7	8 <sup>1</sup> / <sub>2</sub>	1895.....	4.11	6.95	12.17	2 <sup>1</sup> / <sub>2</sub>
1875.....	11.43	14.6	24.1	8 <sup>1</sup> / <sub>2</sub>	1896.....	5.38	7.32	12.0	2 <sup>1</sup> / <sub>2</sub>
1876.....	9.58	11.8	16.5	8	1897.....	4.35	7.37	12.32	3 <sup>1</sup> / <sub>2</sub>
1877.....	11.24	15.8	20.3	7	1898.....	4.42	4.96	11.55	8 <sup>1</sup> / <sub>2</sub>
1878.....	9.15	11.4	17.7	7 <sup>1</sup> / <sub>2</sub>	1899.....	5.65	6.63	11.13	2 <sup>1</sup> / <sub>2</sub>
1879.....	11.6	13.3	17.3	6 <sup>1</sup> / <sub>2</sub>	1900.....	4.42	5.05	<sup>2</sup> 9.93	3 <sup>1</sup> / <sub>2</sub>
1880.....	12.27	15.7	19.9	5 <sup>1</sup> / <sub>2</sub>	1901.....	5.14	5.57	<sup>2</sup> 9.92	1 <sup>1</sup> / <sub>2</sub>
1881.....	8.19	10.4	14.4	4 <sup>1</sup> / <sub>2</sub>	1902.....	5.25	5.78	<sup>2</sup> 10.60	1 <sup>1</sup> / <sub>2</sub>
1882.....	7.89	10.9	14.6	3 <sup>1</sup> / <sub>2</sub>	1903.....	5.44	6.17	<sup>2</sup> 11.33	1 <sup>1</sup> / <sub>2</sub>
1883.....	8.37	11.5	16.5	4 <sup>1</sup> / <sub>2</sub>	1904.....	4.71	5.02	<sup>2</sup> 11.11	1 <sup>1</sup> / <sub>2</sub>
1884.....	6.31	9.95	13.125	3 <sup>1</sup> / <sub>2</sub>	1905.....	5.51	6.44	<sup>2</sup> 10.20	1 <sup>1</sup> / <sub>2</sub>
1885.....	5.87	9.02	14.0	2 <sup>1</sup> / <sub>2</sub>	1906.....	5.94	6.48	<sup>2</sup> 10.50	1 <sup>1</sup> / <sub>2</sub>
1886.....	8.71	12.0	16.5	3 <sup>1</sup> / <sub>2</sub>	1907.....	6.68	6.93	<sup>2</sup> 11.30	1 <sup>1</sup> / <sub>2</sub>
1887.....	8.51	12.0	<sup>2</sup> 15.74	2 <sup>1</sup> / <sub>2</sub>	1908.....	6.00	6.33	<sup>2</sup> 11.70	1 <sup>1</sup> / <sub>2</sub>
1888.....	5.93	11.0	<sup>2</sup> 14.5	2 <sup>1</sup> / <sub>2</sub>	1909.....	5.35	6.88	<sup>2</sup> 11.70	1 <sup>1</sup> / <sub>2</sub>
1889.....	6.89	<sup>2</sup> 8.7	15.0	3 <sup>1</sup> / <sub>2</sub>	1910.....	5.13	6.57	<sup>2</sup> 9.60	1 <sup>1</sup> / <sub>2</sub>
1890.....	5.85	8.5	14.31	2 <sup>1</sup> / <sub>2</sub>	1911.....	5.35	5.23	<sup>2</sup> 9.69	2
1891.....	5.96	8.53	15.0	3 <sup>1</sup> / <sub>2</sub>	1912.....	5.57	6.17	<sup>2</sup> 9.60	3 <sup>1</sup> / <sub>2</sub>
1892.....	5.61	7.55	14.23	2 <sup>1</sup> / <sub>2</sub>	1913.....	5.74	7.01	<sup>2</sup> 9.60	2 <sup>1</sup> / <sub>2</sub>
1893.....	6.33	8.44	14.7	2 <sup>1</sup> / <sub>2</sub>	1914.....	5.31	6.54	<sup>2</sup> 9.60	3

<sup>1</sup> Includes canal tolls prior to 1883, but not Buffalo transfer charges.

<sup>2</sup> Averages based upon officially published tariffs; actual rates lower.

<sup>3</sup> For domestic consumption; local rate for export only 9.08 cents in 1900, 9.02 cents in 1901, and 8.75 cents in 1902; and, when consigned or delivered to steamer, 8.89 cents in 1903, 8.47 cents in 1904, 7.99 cents in 1905, 8.10 cents in 1906, 9.70 cents in 1907, 10.50 cents in 1908 and 1909, and 7.80 cents in 1910, 1911, 1912, 1913, and 1914.

**No. 207.—FREIGHT RATES ON WHEAT FROM BUFFALO TO NEW YORK, AND ELEVATING AND STORAGE RATES AT BUFFALO: 1883 TO 1914.**

[Source: Secretary of the Buffalo Chamber of Commerce.]

Calendar year.	Average canal freight rates.	Elevating, including storage. <sup>1</sup>	Calendar year.	Average canal freight rates.	Elevating, including storage. <sup>1</sup>
	Cents per bushel.	Cents per bushel.		Cents per bushel.	Cents per bushel.
1883.....	4.9	0.875	1899.....	3.0	0.500
1884.....	4.2	.875	1900.....	2.5	.500
1885.....	3.8	.875	1901.....	3.5	.500
1886.....	5.0	.875	1902.....	3.8	.500
1887.....	4.5	.875	1903.....	4.0	.500
1888.....	3.4	.875	1904.....	3.2	.500
1889.....	4.8	.875	1905.....	3.9	.500
1890.....	3.8	.875	1906.....	4.2	.500
1891.....	3.5	.875	1907.....	5.0	.500
1892.....	3.5	.875	1908.....	5.0	.500
1893.....	4.6	.875	1909.....	3.9	.500
1894.....	3.2	.875	1910.....	4.0	.500
1895.....	2.2	.875	1911.....	4.3	.500
1896.....	3.7	.875	1912.....	4.4	.500
1897.....	2.8	.875	1913.....	4.6	.500
1898.....	2.3	.500	1914.....	4.3	.500

<sup>1</sup> Storage varied; 5 to 10 days the limit.

**No. 208.—AVERAGE FREIGHT RATES ON GRAIN, FLOUR, AND PROVISIONS (PER 100 POUNDS), FROM CHICAGO TO EUROPEAN PORTS, BY ALL RAIL TO SEABOARD AND THENCE BY STEAMERS: CALENDAR YEARS 1904 TO 1913.**<sup>1</sup>

[Source: Secretary of the Board of Trade, Chicago.]

Shipped to—	Article.	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913
		<i>Dolls.</i>									
Liverpool.....	Grain.....	0.2019	0.1916	0.1875	0.1922	0.1901	0.1893	0.1815	0.1979	0.2561	0.2339
Do.....	Sacked flour.....	.2100	.2240	.2050	.2125	.2075	.2072	.1975	.2302	.2900	.3000
Do.....	Provisions.....	.3656	.3849	.4100	.4085	.4257	.4638	.4588	.4588	.4819	.5100
Glasgow.....	Grain.....	.2238	.2000	.1925	.1967	.1863	.1591	.1800	.2000	.2100	.2292
Do.....	Sacked flour.....	.2320	.2250	.2360	.2391	.2200	.2100	.2150	.2500	.3000	.3200
Do.....	Provisions.....	.4406	.4323	.4563	.4688	.4688	.4688	.4688	.4688	.5250	.5531
London.....	Grain.....	.2150	.2023	.1925	.2054	.1946	.1817	.1775	.2092	.2630	.2433
Do.....	Sacked flour.....	.2225	.2364	.2250	.2363	.2316	.2150	.2200	.2525	.2922	.3050
Do.....	Provisions.....	.4406	.4058	.4626	.4626	.4626	.4746	.4762	.4762	.5045	.5100
Antwerp.....	Grain.....							.1805	.2026	.2550	.2462
Do.....	Sacked flour.....								.2700	.3370	.3560
Do.....	Provisions.....	.4828	.4370	.4761	.4556	.4959	.4942	.4944	.4944	.5235	.5522
Hamburg.....	Grain.....										.2616
Do.....	Sacked flour.....								.2770	.4500	.3700
Do.....	Provisions.....	.4600	.4575	.4900	.4600	.4949	.4909	.5000	.5000	.6200	.5533
Amsterdam.....	Grain.....								.2100	.3250	.2507
Do.....	Sacked flour.....								.2400	.3550	.3000
Do.....	Provisions.....	.4200	.4542	.4600	.4500	.4500	.4800	.4800	.4900	.6100	.5400
Rotterdam.....	Grain.....								.2000	.3200	.2507
Do.....	Sacked flour.....								.2300	.3500	.2900
Do.....	Provisions.....	.4200	.4453	.4600	.4500	.4500	.4700	.4700	.4800	.6000	.5800
Copenhagen.....	Sacked flour.....								.3100	.4800	.4000
Do.....	Provisions.....	.4688	.4866	.5100	.5100	.5396	.5531	.5531	.5697	.7129	.6943
Stockholm.....	Sacked flour.....								.3600	.5200	.4300
Do.....	Provisions.....	.4969	.5147	.5350	.5300	.5466	.5672	.5672	.5978	.7499	.7314
Stettin.....	Sacked flour.....								.3100	.4900	.3900
Do.....	Provisions.....	.4688	.4818	.5000	.4900	.5185	.5391	.5391	.5556	.6987	.6801
Bordeaux.....	do.....	.5625	.5145	.5300	.5500	.5500	.5500	.5750	.5750	.6300	.7125
Havre.....	do.....								.5375	.6150	.6933

<sup>1</sup> During the first six months of the year 1914 rates paid on grain, flour, and provisions were quite low as compared with previous years; the European war, however, shortly after the beginning of hostilities, created a tremendous demand for tonnage and forced rates to the highest level known to this generation of shippers. A statement of freight averages under these conditions is impossible.

**No. 209.—AVERAGE FREIGHT RATES ON GRAIN AND FLOUR FROM ST. LOUIS TO VARIOUS POINTS: 1897 TO 1914.**

[Source: Secretary Merchants' Exchange, St. Louis, Mo.]

Calendar year.	To New Orleans by river.		To New York by rail.		To Liverpool.	
	On grain in sacks per 100 pounds.	On wheat in bulk by barges per bushel.	On wheat per 100 pounds.	On flour per barrel.	Via New Orleans (by river) on wheat per bushel.	Via New York (by rail) on wheat per bushel.
	<i>Cents.</i>	<i>Cents.</i>	<i>Cents.</i>	<i>Cents.</i>	<i>Cents.</i>	<i>Cents.</i>
1897.....	10.83	4.88	23.64	47.26	12.89	20.33
1898.....	10.00	4.50	22.25	45.10	14.24	20.32
1899.....	10.00	4.50	21.95	43.90	12.33	17.88
1900.....	10.00	14.25	19.88	38.76	14.04	18.41
1901.....	10.00	14.25	19.33	38.66	9.48	14.03
1902.....	10.00	14.20	20.66	41.32	8.53	15.33
1903.....	10.00	15.00	21.25	42.50	10.00	16.02
1904.....			21.51	48.02		16.25
1905.....			20.50	41.00		16.60
1906.....			20.50	41.00		16.23
1907.....			20.50	41.00		15.87
1908.....			19.50	40.00		14.78
1909.....			19.00	39.40		14.30
1910.....			19.00	39.40		12.40
1911.....			19.00	39.40		13.60
1912.....			19.00	39.40		13.60
1913.....			19.00	39.40		15.63
1914.....			19.00	39.40		(2)

<sup>1</sup> F. o. b. New Orleans.  
<sup>2</sup> For first seven months of 1914, 14.60 cents; since the start of the European war rates ranged from 14.60 to 27.60 cents.

No. 210.—CATTLE, HOGS, AND SHEEP: RECEIPTS AT TWELVE PRINCIPAL WESTERN MARKETS, 1891 to 1914.

[Source: Reports of various stockyard associations.]

Calendar year.	Chicago.			Kansas City.			Omaha.		
	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.	Cattle and calves. <sup>1</sup>	Hogs.	Sheep.
	Number.	Number.	Number.	Number.	Number.	Number.	Number.	Number.	Number.
1891..	3,465,742	8,600,805	2,153,537	1,347,487	2,599,109	386,760	601,002	1,537,387	169,865
1892..	3,769,372	7,714,435	2,145,079	1,671,155	2,397,477	438,268	865,059	1,613,384	188,588
1893..	3,943,963	6,057,278	3,031,174	1,746,828	1,948,373	569,517	852,466	1,406,451	252,273
1894..	3,135,312	7,483,228	3,099,725	1,772,545	2,547,077	589,555	821,512	1,932,677	243,945
1895..	2,757,298	7,855,253	3,406,789	1,689,652	2,457,697	364,713	586,103	1,186,720	204,870
1896..	2,738,813	7,659,472	3,590,655	1,814,698	2,605,575	993,126	586,578	1,216,370	358,005
1897..	2,677,900	8,308,724	3,606,640	1,921,962	3,350,796	1,134,236	810,940	1,610,981	627,160
1898..	2,613,680	8,817,114	3,589,439	1,846,238	3,672,909	980,303	812,244	2,401,387	1,085,136
1899..	2,651,122	8,177,870	3,682,822	2,017,484	2,959,073	953,241	887,568	2,216,482	1,086,819
1900..	2,865,866	8,109,064	3,543,885	2,082,795	3,094,139	360,449	828,204	2,200,926	1,276,775
1901..	3,213,202	8,290,494	4,044,095	2,126,575	3,716,404	980,078	818,003	2,414,052	1,314,841
1902..	3,193,306	7,895,236	4,515,716	2,279,166	2,279,337	1,134,264	1,010,815	2,247,228	1,742,589
1903..	3,704,229	7,325,923	4,582,760	2,137,112	1,869,881	1,151,730	1,071,177	2,231,067	1,863,763
1904..	3,526,694	7,238,746	4,504,650	2,163,471	2,227,170	1,004,099	944,192	2,290,627	1,754,365
1905..	3,552,304	7,725,788	4,723,558	2,422,582	2,507,548	1,818,968	1,023,392	2,293,956	1,970,502
1906..	3,742,519	7,275,063	4,805,449	2,555,794	2,675,601	1,616,788	1,079,373	2,393,551	2,165,116
1907..	3,727,248	7,895,236	4,218,115	2,670,260	2,923,777	1,582,148	1,158,716	2,258,652	2,088,777
1908..	3,460,377	8,131,465	4,351,859	2,458,127	3,715,109	1,640,542	1,036,625	2,424,451	2,105,949
1909..	3,339,519	6,619,018	4,441,424	2,653,928	3,092,335	1,645,325	1,124,618	2,135,493	2,167,014
1910..	3,552,304	5,556,858	5,223,294	2,507,142	2,085,566	1,841,173	1,223,593	1,894,314	2,894,870
1911..	3,453,343	7,103,360	6,736,244	2,370,390	3,167,816	2,175,493	1,174,312	2,366,534	2,977,570
1912..	3,137,743	7,895,236	6,055,546	2,147,224	2,523,331	1,183,976	1,017,195	2,586,244	2,950,507
1913..	2,888,456	7,570,938	5,902,738	2,318,885	2,567,785	2,094,748	992,103	2,542,709	3,222,133
1914..	2,001,495	6,013,106	3,373,345	1,956,651	2,264,805	2,002,042	938,817	2,258,620	3,113,889

  

Calendar year.	St. Joseph.			St. Louis.			St. Paul.		
	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.
	Number.	Number.	Number.	Number.	Number.	Number.	Number.	Number.	Number.
1891..	18,416	177,919	15,564	779,499	1,380,569	402,989	142,637	263,479	89,423
1892..	31,015	289,931	17,809	801,111	1,310,311	376,922	85,816	238,909	97,156
1893..	39,244	240,160	26,257	903,257	1,105,108	397,725	113,630	184,092	153,314
1894..	52,157	397,585	15,718	773,571	1,489,856	359,896	78,245	326,603	95,142
1895..	49,202	252,070	22,260	851,275	1,440,342	510,660	93,066	364,355	174,868
1896..	38,893	193,212	24,165	955,013	1,997,895	632,872	97,312	313,736	200,415
1897..	50,365	426,692	13,915	960,763	2,065,283	660,380	198,691	243,074	815,210
1898..	232,078	1,034,125	121,707	795,611	2,136,328	477,091	215,993	338,405	430,194
1899..	294,950	1,401,794	258,393	766,032	2,147,144	432,566	221,367	369,243	333,598
1900..	390,381	1,678,520	390,308	795,800	2,156,972	434,133	220,681	500,415	489,574
1901..	439,293	2,105,209	525,933	960,831	2,236,945	534,115	190,290	616,796	332,367
1902..	517,244	1,697,741	560,653	1,181,928	1,494,395	540,443	300,666	667,526	602,340
1903..	624,974	1,700,564	599,189	1,209,121	1,785,373	565,336	303,239	759,512	875,640
1904..	537,261	1,656,349	794,379	1,261,532	2,361,623	746,109	389,300	831,635	772,766
1905..	546,688	1,900,920	930,834	1,254,236	2,407,336	690,378	488,565	855,237	818,437
1906..	606,187	1,908,207	826,764	1,314,826	2,411,191	650,734	486,664	860,310	735,259
1907..	616,232	1,923,257	764,287	1,323,208	2,572,126	632,213	516,611	866,777	627,330
1908..	684,224	2,349,047	592,359	1,293,564	3,199,922	724,781	463,160	1,138,412	859,343
1909..	632,376	1,638,331	620,570	1,413,005	3,076,665	835,973	497,152	725,420	496,062
1910..	564,555	1,352,565	559,670	1,356,232	2,548,480	776,665	603,666	835,886	864,311
1911..	513,290	1,921,535	718,268	1,206,423	3,634,851	1,024,402	538,637	910,733	712,126
1912..	494,422	1,969,333	728,852	1,199,901	2,529,837	1,030,609	523,767	983,665	627,873
1913..	450,136	1,869,009	812,039	1,099,977	2,533,911	949,302	531,946	1,256,801	735,444
1914..	356,536	1,725,366	830,256	1,040,957	2,558,825	749,293	535,165	1,539,630	794,739

<sup>1</sup> Cattle only.

No. 210.—CATTLE, HOGS, AND SHEEP: RECEIPTS AT TWELVE PRINCIPAL WESTERN MARKETS, 1891 TO 1914—Continued.

Calendar year.	Sioux City.			Cincinnati.			Cleveland. <sup>1</sup>		
	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.
	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>
1891.....	150, 012	397, 247	22, 309	208, 929	629, 409	318, 406	12, 778	309, 049	21, 096
1892.....	136, 022	413, 231	42, 581	217, 952	608, 526	308, 980	18, 663	338, 916	33, 080
1893.....	130, 794	329, 014	26, 840	225, 555	627, 612	575, 527	13, 124	257, 782	60, 522
1894.....	119, 008	499, 278	24, 567	226, 455	746, 705	643, 975	7, 210	190, 803	77, 232
1895.....	110, 278	341, 050	14, 336	227, 261	820, 637	597, 497	73, 538	601, 179	130, 709
1896.....	142, 238	279, 451	10, 425	216, 117	887, 187	481, 254	62, 665	688, 011	146, 588
1897.....	294, 161	353, 290	9, 609	218, 636	881, 332	430, 858	109, 047	999, 219	183, 717
1898.....	300, 937	474, 238	20, 861	190, 507	887, 524	389, 649	97, 865	1, 123, 848	149, 769
1899.....	347, 109	568, 806	36, 081	204, 288	809, 327	280, 097	118, 347	1, 096, 459	139, 480
1900.....	300, 437	833, 141	61, 342	210, 681	782, 742	330, 743	123, 552	1, 180, 605	186, 822
1901.....	308, 529	959, 964	66, 980	222, 738	742, 701	353, 922	68, 851	995, 113	197, 456
1902.....	404, 835	1, 007, 762	61, 275	239, 679	664, 734	410, 248	61, 858	960, 067	194, 537
1903.....	379, 446	1, 007, 900	41, 774	245, 716	786, 770	394, 103	90, 743	1, 215, 798	224, 489
1904.....	331, 293	1, 113, 177	28, 464	252, 807	870, 128	370, 475	94, 285	1, 354, 276	237, 161
1905.....	402, 955	1, 298, 685	56, 582	298, 893	948, 093	322, 624	105, 703	1, 261, 229	190, 080
1906.....	385, 255	1, 157, 947	64, 167	313, 256	859, 334	313, 885	100, 215	964, 189	242, 712
1907.....	410, 216	1, 289, 125	64, 507	312, 214	938, 793	305, 161	100, 047	1, 107, 662	367, 329
1908.....	355, 470	1, 380, 639	58, 747	295, 746	1, 170, 999	330, 136	92, 325	1, 496, 978	325, 216
1909.....	426, 278	1, 077, 850	78, 490	310, 380	876, 180	360, 938	106, 425	1, 155, 523	344, 563
1910.....	438, 690	1, 044, 122	150, 935	319, 138	758, 922	354, 371	131, 872	537, 291	350, 716
1911.....	487, 237	1, 848, 551	212, 004	327, 075	1, 035, 973	385, 195	97, 566	598, 744	472, 938
1912.....	430, 768	1, 697, 788	206, 517	344, 198	958, 954	386, 644	289, 755	562, 373	473, 190
1913.....	393, 711	1, 533, 178	270, 866	316, 612	908, 669	437, 202	212, 676	735, 601	534, 399
1914.....	367, 917	1, 256, 679	403, 927	280, 762	921, 204	444, 329	110, 332	670, 351	295, 026

  

Calendar year.	Denver.			Indianapolis.			Wichita.		
	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.
	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>
1891.....	141, 204	80, 060	165, 616	104, 875	1, 319, 930	65, 081	.....	.....	.....
1892.....	143, 211	88, 413	134, 393	102, 100	1, 122, 668	62, 692	.....	.....	.....
1893.....	154, 739	62, 111	130, 373	85, 581	878, 882	83, 393	55, 759	81, 255	3, 023
1894.....	147, 506	94, 099	138, 990	91, 017	963, 511	103, 924	35, 217	65, 377	4, 849
1895.....	185, 646	47, 598	156, 412	106, 439	1, 108, 724	123, 427	31, 768	81, 801	5, 729
1896.....	202, 013	56, 537	180, 639	135, 253	1, 255, 405	120, 890	16, 306	100, 911	18, 534
1897.....	248, 888	75, 065	303, 661	147, 740	1, 252, 761	97, 369	21, 058	138, 416	8, 146
1898.....	287, 678	81, 645	284, 305	134, 786	1, 681, 362	84, 665	20, 831	253, 541	11, 844
1899.....	282, 928	120, 096	221, 142	136, 579	1, 545, 881	65, 106	25, 563	204, 745	10, 111
1900.....	239, 606	115, 986	305, 323	139, 722	1, 323, 018	67, 005	23, 903	291, 501	18, 358
1901.....	227, 325	109, 360	225, 555	211, 053	1, 486, 519	125, 614	27, 212	333, 072	2, 158
1902.....	324, 154	86, 685	316, 504	213, 179	1, 251, 351	102, 580	31, 628	192, 723	6, 348
1903.....	286, 271	146, 580	464, 896	248, 951	1, 530, 888	101, 024	33, 287	265, 216	14, 093
1904.....	265, 462	161, 954	519, 190	274, 710	1, 668, 771	89, 945	29, 144	312, 423	3, 053
1905.....	294, 044	190, 525	737, 905	299, 784	1, 975, 816	61, 561	43, 397	293, 491	7, 201
1906.....	323, 751	192, 720	825, 766	350, 016	1, 869, 353	76, 570	46, 789	301, 649	11, 283
1907.....	306, 907	241, 393	823, 432	378, 873	1, 955, 332	72, 674	95, 666	436, 119	7, 464
1908.....	420, 462	280, 288	675, 235	407, 149	2, 484, 226	111, 848	109, 414	741, 341	12, 066
1909.....	426, 372	241, 570	634, 327	416, 759	1, 832, 598	111, 386	183, 650	251, 560	27, 796
1910.....	398, 868	185, 611	595, 930	417, 375	1, 487, 174	123, 001	203, 241	551, 993	35, 493
1911.....	298, 437	220, 187	617, 003	394, 269	2, 028, 731	153, 686	194, 063	568, 244	53, 837
1912.....	415, 817	221, 718	776, 760	330, 233	1, 824, 260	154, 414	212, 426	322, 418	97, 117
1913.....	499, 208	246, 598	620, 431	375, 912	1, 994, 624	147, 193	212, 971	470, 730	32, 219
1914.....	442, 738	255, 636	692, 241	344, 245	2, 099, 787	124, 591	201, 336	418, 213	25, 390

<sup>1</sup> Figures from 1895 to date are from reports of the Cleveland Chamber of Commerce.

<sup>2</sup> Cattle only.

No. 211.—GRAIN RECEIVED:<sup>1</sup> By SPECIFIED PORTS, CALENDAR YEARS 1900 TO 1914.

[Source: Annual reports of New York Produce Exchange.]

Port. <sup>2</sup>	1900	1901	1902	1903	1904
New York:	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>
By canal, via river .....	11,546,506	14,427,100	11,900,850	12,900,100	9,649,880
Coastwise and river .....	3,189,609	1,341,288	1,250,485	739,807	1,319,682
By rail .....	141,190,341	121,015,359	101,776,989	111,420,639	81,196,902
Total .....	155,926,466	136,783,747	114,927,824	125,060,546	92,168,414
Portland, Me. ....	20,180,590	24,639,622	20,758,275	23,964,852	15,940,114
Boston .....	53,151,223	51,237,428	30,612,925	31,072,197	24,374,770
Philadelphia .....	68,020,219	52,500,125	39,443,630	39,121,220	25,281,337
Baltimore .....	79,208,931	76,805,183	43,453,137	52,088,479	27,050,511
New Orleans .....	33,838,572	44,012,731	25,101,855	30,473,658	11,027,073
Grand total .....	415,326,041	286,033,876	274,299,646	302,395,152	197,440,819
Montreal, Canada .....	34,356,469	30,156,899	30,461,948	36,907,271	24,228,608
Port. <sup>2</sup>	1905	1906	1907	1908	1909
New York:	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>
By canal, via river .....	9,804,975	11,709,300	9,558,500	7,228,000	9,676,000
Coastwise and river .....	755,567	244,815	254,613	957,259	1,363,504
By rail .....	111,787,340	107,618,105	112,397,811	95,532,736	82,595,110
Total .....	122,347,582	119,632,720	122,210,924	103,717,995	94,434,614
Portland, Me. <sup>3</sup> .....	17,723,033	19,134,905	25,061,918	.....	.....
Boston .....	32,445,037	35,136,397	37,776,856	24,637,968	25,968,955
Philadelphia .....	36,066,919	43,535,326	59,913,914	44,614,736	35,126,455
Baltimore .....	42,225,063	52,329,113	51,274,133	40,329,270	31,654,690
New Orleans .....	31,007,704	33,705,163	22,441,631	17,737,501	17,127,026
Grand total .....	281,310,643	303,523,694	312,637,431	231,037,470	204,312,340
Montreal, Canada .....	31,804,504	31,965,137	42,954,336	41,006,733	43,551,119
Port. <sup>2</sup>	1910	1911	1912	1913	1914
New York:	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>
By canal, via river .....	11,000,700	7,395,000	3,530,600	4,371,700	5,303,900
Coastwise and river .....	441,533	3,913,254	4,268,675	3,904,292	11,333,344
By rail .....	86,635,278	107,411,728	122,371,905	131,768,203	142,127,622
Total .....	98,077,566	119,219,982	130,171,180	140,044,195	159,264,866
Portland, Me. <sup>3</sup> .....	.....	.....	.....	.....	.....
Boston .....	22,451,292	28,904,030	31,346,400	42,046,105	25,033,229
Philadelphia .....	30,120,930	41,195,346	43,423,343	47,496,543	49,009,621
Baltimore .....	32,861,922	42,123,546	55,010,337	68,754,833	68,909,106
New Orleans .....	16,213,444	15,919,132	21,530,971	30,737,392	53,061,500
Grand total .....	199,725,204	247,363,485	281,932,736	329,099,623	356,278,322
Montreal, Canada .....	45,427,290	49,325,297	59,393,707	66,073,237	99,054,293

<sup>1</sup> Grain embraces wheat flour reduced to equivalent in wheat, corn, rye, oats, barley, malt, and peas.<sup>2</sup> Receipts at New York, Portland, Boston, Philadelphia, and Baltimore include shipments from the West to foreign countries through these ports on through bills of lading. Receipts at Portland via Montreal are duplications of receipts reported at Montreal. Receipts at Baltimore include flour ground by city millers, and therefore duplicate an equivalent quantity of wheat received in grain.<sup>3</sup> Data not available after 1907.

## No. 212.—SHIPMENTS OF ANTHRACITE COAL: CALENDAR YEARS 1905 AND 1911 TO 1914.

[Source: The Coal Trade.]

Railroad.	1905	1910	1911	1912	1913	1914
	<i>Long tons.</i>					
Philadelphia & Reading.....	12,574,502	12,445,733	13,265,753	12,552,350	12,914,887	11,908,779
Lehigh Valley.....	10,072,120	11,195,765	12,608,000	11,791,601	13,011,370	13,130,759
Central of New Jersey.....	7,938,274	8,519,135	9,213,802	8,842,477	9,092,438	8,924,930
Delaware, Lackawanna & Western.....	9,554,046	9,589,076	9,869,620	9,065,622	9,903,541	9,012,578
Delaware & Hudson.....	4,890,635	6,578,356	7,205,731	6,361,238	7,094,256	7,313,514
Pennsylvania.....	6,225,622	6,250,976	6,494,733	6,548,193	6,351,766	6,431,937
Erie.....	5,640,523	7,554,198	8,500,179	7,435,679	8,192,352	8,268,535
New York, Ontario & Western Delaware, Susquehanna & Schuylkill.....	2,864,036	2,772,547	2,495,476	2,213,332	2,509,031	2,352,436
	1,605,378	(1)	(1)	(1)	(1)	(1)
Total, 9 roads.....	61,410,201	64,905,785	69,954,299	63,610,573	66,009,628	63,342,001

<sup>1</sup> Included with Lehigh Valley tonnage.<sup>2</sup> Does not include 205,245 tons shipped over the L. & N. E. R. R.<sup>3</sup> Does not include 703,699 tons shipped over the L. & N. E. R. R.<sup>4</sup> Does not include 1,168,509 tons shipped over the L. & N. E. R. R.

## No. 213.—MOVEMENTS OF COAL AND COKE OVER SPECIFIED RAILROADS: CALENDAR YEARS 1911 TO 1914.

[Source: Compiled from reports of the various roads.]

## BITUMINOUS COAL.

Railroad.	1911	1912	1913	1914
	<i>Short tons.</i>	<i>Short tons.</i>	<i>Short tons.</i>	<i>Short tons.</i>
Baltimore & Ohio <sup>1</sup> .....	30,205,115	34,123,269	36,915,385	32,554,359
Buffalo, Rochester & Pittsburgh <sup>1,2</sup> .....	7,817,396	8,289,296	9,723,992	8,059,756
Buffalo & Susquehanna <sup>1,2</sup> .....	1,650,316	1,590,441	1,787,551	1,190,131
Chesapeake & Ohio <sup>1</sup> .....	16,226,761	17,011,888	17,155,233	20,663,520
Huntingdon & Broad Top Mountain <sup>1,2</sup> .....	1,148,675	1,277,180	1,352,721	1,036,658
New York Central & Hudson River <sup>3</sup> .....	8,017,477	8,308,260	9,220,689	8,120,210
Norfolk & Western <sup>1,2</sup> .....	19,443,987	22,643,169	23,892,469	25,471,969
Pennsylvania (east of Pittsburgh and Erie) <sup>1,3</sup> .....	42,419,445	46,434,187	51,526,267	47,769,227
Pittsburgh & Lake Erie <sup>1,2</sup> .....	10,843,539	11,424,631	12,783,389	10,703,478
Pittsburgh, Shawmut & Northern <sup>1,2</sup> .....	1,439,987	2,026,010	2,799,308	2,359,807
Virginian <sup>1,2</sup> .....	2,816,120	3,584,009	4,555,331	3,954,310
Western Maryland.....	2,589,924	2,767,980	2,953,601	3,069,708
Total, 12 roads.....	144,623,992	159,425,370	174,665,936	164,953,183

## COKE.

Baltimore & Ohio <sup>1</sup> .....	3,824,323	4,783,821	4,281,240	3,202,331
Buffalo, Rochester & Pittsburgh <sup>1,2</sup> .....	406,221	550,436	500,230	302,996
Buffalo & Susquehanna <sup>1,2</sup> .....	300,940	280,439	301,475	447,354
Chesapeake & Ohio <sup>1</sup> .....	230,109	260,847	361,535	298,632
New York Central & Hudson River <sup>2</sup> .....	91,261	87,758	36,207	.....
Norfolk & Western <sup>1,2</sup> .....	1,510,852	1,469,618	1,530,384	1,018,611
Pennsylvania (east of Pittsburgh and Erie) <sup>1,3</sup> .....	10,639,107	13,371,345	13,892,825	9,548,354
Pittsburgh & Lake Erie <sup>1,2</sup> .....	5,242,066	6,321,154	6,710,133	4,339,135
Pittsburgh, Shawmut & Northern <sup>1,2</sup> .....	19,700	7,159	9,333	.....
Virginian <sup>2</sup> .....	536	.....	.....	.....
Western Maryland.....	83,259	70,351	73,346	59,046
Total, 11 roads.....	22,848,374	27,202,978	27,696,763	19,717,159

<sup>1</sup> Includes coal from connecting lines.<sup>2</sup> Includes company coal.<sup>3</sup> Does not include company coal hauled free.

No. 214.—SAULT STE. MARIE CANALS: ANALYSIS OF TRAFFIC STATISTICS, SEASONS 1891 TO 1914.

[Source: Annual reports of the United States engineer in charge.]

Season.	Freight carried.		Average distance freight was carried.	Total ton-miles.	Cost of carrying per ton-mile.	Amount paid for transporting freight.	Valuation of freight.	Value of American craft.	Value of Canadian craft.	Proportion of freight carried by Canadian vessels.	
	Total.	By steamers.									
		Short tons.									Per cent.
1891.....	8,888,759	72	820.4	7,292,462,269	1.35	9,849,023	128,178,208	31,947,300	2,119,500	4.0	
1892.....	11,214,333	70	822.4	9,229,773,938	1.31	12,072,551	185,117,267	36,220,100	2,408,700	3.8	
1893.....	10,736,672	72	831.9	8,980,310,240	1.1	9,957,483	146,436,937	39,017,400	2,115,700	4.1	
1894.....	13,195,860	74	821.1	10,927,871,324	.99	10,798,310	143,144,502	41,124,200	1,659,800	3.5	
1895.....	15,062,550	70	830.0	12,502,548,392	1.14	14,238,758	199,675,129	40,858,800	2,037,000	3.75	
1896.....	16,239,031	73	836.4	13,582,641,836	.99	13,511,615	195,146,842	43,006,200	2,135,300	4.0	
1897.....	18,952,755	69	841.3	15,969,393,376	.88	13,220,099	218,235,927	42,375,700	2,001,400	3.0	
1898.....	21,234,665	69	842.6	17,991,597,030	.79	14,125,896	233,069,740	45,199,800	2,491,900	2.2	
1899.....	25,253,810	71	827.2	20,891,944,628	1.05	21,959,707	281,364,750	65,000,520	3,869,600	3.1	
1900.....	25,643,073	77	825.9	21,179,229,014	1.18	24,983,314	267,041,959	66,116,583	3,618,576	3.0	
1901.....	28,403,065	75	823.3	23,983,861,937	.99	23,217,974	289,906,865	57,244,200	3,311,900	4.0	
1902.....	33,961,146	79	827.4	29,755,916,637	.89	26,566,139	333,306,300	67,205,000	3,792,400	4.0	
1903.....	34,674,437	81	835.6	28,974,650,408	.92	26,727,735	349,405,014	68,252,800	6,334,300	6.0	
1904.....	31,646,106	82	843.5	26,008,315,633	.81	21,552,894	334,502,686	63,789,300	5,377,100	6.0	
1905.....	44,270,630	85	833.3	36,392,737,973	.85	31,420,585	416,905,484	73,211,300	5,429,000	5.0	
1906.....	51,751,080	89	842.4	43,496,939,680	.84	36,666,889	537,463,454	83,392,000	6,140,500	5.0	
1907.....	58,217,214	91	823.3	48,221,463,547	.80	38,467,345	569,830,188	102,525,500	7,913,000	5.0	
1908.....	41,390,357	92	842.0	31,853,943,177	.69	28,903,244	470,141,313	101,643,000	10,054,000	7.0	
1909.....	57,895,149	93	803.0	46,612,823,345	.78	36,291,943	626,104,173	116,192,000	10,707,000	6.0	
1910.....	62,363,218	93	840.0	52,405,533,136	.74	38,710,904	651,010,844	123,061,500	11,675,000	6.0	
1911.....	53,477,216	93	825.0	44,173,313,400	.67	29,462,196	595,019,844	109,336,000	12,211,500	7.0	
1912.....	72,472,676	94	831.0	60,212,333,004	.67	40,578,225	791,357,837	125,618,800	13,927,500	6.0	
1913.....	79,173,344	94	820.0	65,330,716,731	.68	44,380,864	865,976,838	127,123,500	13,266,700	6.0	
1914.....	55,369,334	94	832.8	46,112,251,731	.60	27,597,039	634,800,263	117,211,000	17,420,700	9.0	

## MERCHANT MARINE AND SHIPPING.

### No. 215.—MERCHANT MARINE OF THE UNITED STATES: TONNAGE OF SAILING AND STEAM VESSELS, 1886 TO 1914.

[Source: Reports of the Commissioner of Navigation. The term "gross ton" expresses in units of 100 cubic feet the entire cubical capacity of the vessel, including spaces occupied by the crew, engines, boilers, and coal bunkers.]

Year ended June 30—	Sailing vessels. <sup>1</sup>		Steam vessels.		Total.	
	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.
1886.....	18,067	2,608,152	5,467	1,522,984	23,534	4,131,136
1887.....	17,582	2,568,128	5,481	1,542,717	23,063	4,105,845
1888.....	17,587	2,543,846	5,694	1,648,070	23,281	4,191,916
1889.....	17,699	2,541,924	5,924	1,765,551	23,623	4,307,475
1890.....	17,502	2,565,409	5,965	1,850,088	23,467	4,424,497
1891.....	17,683	2,668,495	6,216	2,016,264	23,899	4,684,759
1892.....	17,991	2,690,504	6,392	2,074,417	24,383	4,764,921
1893.....	17,951	2,641,799	6,561	2,183,272	24,512	4,825,071
1894.....	17,060	2,494,599	6,526	2,189,430	23,586	4,684,029
1895.....	16,686	2,423,159	6,554	2,212,801	23,240	4,635,960
1896.....	16,313	2,396,672	6,595	2,307,208	22,908	4,703,880
1897.....	16,084	2,410,462	6,599	2,358,558	22,683	4,769,020
1898.....	15,993	2,377,815	6,712	2,371,923	22,705	4,749,738
1899.....	15,891	2,388,227	6,837	2,476,011	22,728	4,864,238
1900.....	16,280	2,507,042	7,053	2,657,797	23,333	5,164,839
1901.....	16,643	2,603,265	7,414	2,920,953	24,057	5,524,218
1902.....	16,546	2,621,028	7,727	3,176,874	24,273	5,797,902
1903.....	16,371	2,679,257	8,054	3,408,088	24,425	6,087,345
1904.....	16,095	2,696,117	8,463	3,595,418	24,558	6,291,535
1905.....	15,784	2,715,049	8,897	3,741,494	24,681	6,456,543
1906.....	15,606	2,699,682	9,500	3,975,287	25,006	6,674,969
1907.....	14,861	2,659,426	10,050	4,279,368	24,911	6,938,794
1908.....	14,499	2,654,271	10,926	4,711,174	25,425	7,365,445
1909.....	14,047	2,639,581	11,641	4,749,224	25,688	7,388,755
1910.....	13,288	2,607,721	12,452	4,900,361	25,740	7,508,082
1911.....	12,684	2,664,721	13,307	5,074,069	25,991	7,638,790
1912.....	12,263	2,534,325	14,265	5,179,853	26,528	7,714,183
1913.....	11,998	2,550,977	15,084	5,335,574	27,072	7,886,551
1914.....	11,462	2,501,162	15,491	5,427,526	26,943	7,928,688

<sup>1</sup>Including canal boats and barges.

### No. 216.—TONNAGE OWNED ON THE ATLANTIC AND GULF COASTS, THE PACIFIC COAST, AND THE NORTHERN LAKES AND WESTERN RIVERS: 1896 TO 1914.

[Source: Reports of the Commissioner of Navigation. The term "gross ton" expresses in units of 100 cubic feet the entire cubical capacity of the vessel, including spaces occupied by the crew, engines, boilers, and coal bunkers.]

Year ended June 30—	Atlantic and Gulf. <sup>1</sup>	Pacific. <sup>2</sup>	Northern lakes.	Western rivers.	Total.
	Gross tons.	Gross tons.	Gross tons.	Gross tons.	Gross tons.
1896.....	2,667,314	437,972	1,324,067	274,527	4,703,880
1897.....	2,647,796	439,012	1,410,103	272,109	4,769,020
1898.....	2,553,739	495,767	1,437,500	261,732	4,749,738
1899.....	2,614,869	539,937	1,446,348	263,084	4,864,238
1900.....	2,727,892	612,904	1,565,587	258,456	5,164,839
1901.....	2,854,639	713,831	1,706,294	249,454	5,524,218
1902.....	2,985,056	774,211	1,816,511	222,124	5,797,902
1903.....	3,157,373	812,179	1,902,698	215,095	6,087,345
1904.....	3,252,366	806,577	2,019,208	213,384	6,291,535
1905.....	3,398,367	821,710	2,062,147	174,319	6,456,543
1906.....	3,432,545	840,935	2,234,432	167,957	6,674,969
1907.....	3,440,697	886,840	2,439,741	171,516	6,938,794
1908.....	3,606,551	962,214	2,729,169	167,411	7,365,445
1909.....	3,509,134	934,477	2,782,481	162,663	7,388,755
1910.....	3,622,673	936,591	2,895,102	153,716	7,508,082
1911.....	3,570,138	973,605	2,943,523	151,524	7,638,790
1912.....	3,633,466	984,813	2,949,924	145,980	7,714,183
1913.....	3,751,128	1,049,296	2,959,786	146,551	7,886,551
1914.....	3,808,354	1,100,976	2,882,922	141,436	7,928,688

<sup>1</sup>Including Porto Rico since 1901.

<sup>2</sup>Including Hawaii since 1900.

**No. 217.—TONNAGE OF THE SAILING AND STEAM VESSELS OF THE MERCHANT MARINE OF THE UNITED STATES: EMPLOYED IN THE FOREIGN AND COASTWISE TRADE AND IN THE FISHERIES, 1888 TO 1914.**

[Source: Reports of the Commissioner of Navigation. The term "gross ton" expresses in units of 100 cubic feet the entire cubical capacity of the vessel, including spaces occupied by the crew, engines, boilers, and coal bunkers.]

Year ended June 30—	Employed in the—										Annual inc. (+) or dec. (-).
	Foreign trade.		Coastwise trade.		Whale fisheries.		Cod and mackerel fisheries.		Total.		
	Steam.	Total.	Steam.	Total.	Steam.	Total.	Steam. <sup>1</sup>	Total.			
1888.	Gr. tons. 179,586	Gr. tons. 919,302	Gr. tons. 1,464,673	Gr. tons. 3,172,120	Gr. tons. 3,812	Gr. tons. 24,482	Gr. tons. 76,012	Gr. tons. 4,191,916	Gr. tons. 4,191,916	Per ct. +2.10	
1889.	190,196	999,619	1,571,079	3,211,416	4,275	21,976	74,464	4,307,475	4,307,475	+2.75	
1890.	192,705	928,062	1,661,483	3,409,435	4,925	18,633	68,367	4,424,497	4,424,497	+2.71	
1891.	235,070	965,719	1,776,269	3,609,876	4,925	17,231	68,938	4,684,769	4,684,769	+5.88	
1892.	225,487	977,624	1,845,518	3,700,773	3,462	17,052	69,472	4,764,921	4,764,921	+1.71	
1893.	257,147	868,199	1,922,169	3,854,693	3,956	16,604	70,576	4,825,071	4,825,071	+1.26	
1894.	261,765	899,698	1,928,339	3,696,276	4,896	16,482	71,573	4,703,629	4,703,629	-2.90	
1895.	247,887	822,347	1,960,756	3,728,714	4,658	15,839	69,060	4,685,960	4,685,960	-1.02	
1896.	260,224	829,883	2,042,326	3,790,296	4,658	15,121	68,630	4,703,880	4,703,880	+1.47	
1897.	253,816	792,870	2,100,894	3,896,826	4,658	12,714	66,610	4,769,020	4,769,020	+1.38	
1898.	290,241	726,213	2,077,859	3,959,702	3,822	11,496	52,327	4,749,738	4,749,738	- .40	
1899.	365,913	837,229	2,116,981	3,965,313	4,117	11,017	50,679	4,864,238	4,864,238	+2.41	
1900.	387,366	816,795	2,289,825	4,286,516	3,986	9,899	51,629	5,164,839	5,164,839	+6.18	
1901.	426,259	879,695	2,491,231	4,582,645	3,463	9,584	52,444	5,524,218	5,524,218	+6.96	
1902.	465,017	873,235	2,718,049	4,858,714	3,808	9,320	56,633	5,797,902	5,797,902	+4.95	
1903.	523,602	879,264	2,880,678	5,141,037	3,808	9,612	57,532	6,087,345	6,087,345	+4.99	
1904.	549,938	838,628	3,041,262	5,395,164	4,218	10,140	57,603	6,291,635	6,291,635	+3.36	
1905.	596,644	948,760	3,140,814	5,441,688	4,536	10,763	60,342	6,456,543	6,456,543	+2.62	
1906.	586,749	928,466	3,584,002	5,674,044	4,586	11,020	61,489	6,464,969	6,464,969	+3.38	
1907.	598,155	861,466	3,664,210	6,010,601	3,970	9,680	13,033	57,047	6,998,794	+3.95	
1908.	595,147	830,413	4,099,045	6,371,862	3,590	9,655	13,392	53,515	7,866,445	+6.15	
1909.	575,226	878,523	4,157,657	6,451,042	3,300	8,982	13,141	50,208	7,388,756	- .82	
1910.	558,468	782,517	4,330,896	6,668,966	3,509	9,303	12,488	47,291	7,508,082	+1.61	
1911.	582,186	868,495	4,505,667	7,720,313	3,544	9,176	13,369	45,806	7,688,790	+1.74	
1912.	616,053	923,225	4,543,276	6,737,046	3,653	8,876	16,876	45,036	7,714,183	- .99	
1913.	667,896	1,019,165	4,646,741	6,817,013	3,262	8,611	17,573	41,762	7,886,551	+2.23	
1914.	720,609	1,066,288	4,688,240	6,818,363	4,265	9,864	8,260	26,700	7,928,688	+2.23	

<sup>1</sup> Not separately stated prior to 1907.

**No. 218.—VESSELS BUILT IN THE UNITED STATES: CLASS, NUMBER, AND GROSS TONNAGE, 1888 TO 1914.**

[Source: Reports of the Commissioner of Navigation. The term "gross ton" expresses in units of 100 cubic feet the entire cubical capacity of the vessel, including spaces occupied by the crew, engines, boilers, and coal bunkers.]

Year ended June 30—	Sailing vessels.		Steam vessels.		Canal boats.		Barges.		Total.	
	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.
1888	423	48,590	430	142,006	40	4,263	121	23,227	1,014	218,086
1889	489	50,570	440	159,318	88	9,452	60	11,794	1,077	231,134
1890	505	102,873	410	159,045	40	4,346	96	27,858	1,051	294,122
1891	733	144,290	488	185,037	57	7,059	106	32,916	1,384	369,302
1892	846	38,217	438	92,531	37	4,580	74	19,305	1,395	199,633
1893	493	49,348	380	134,368	28	3,791	55	24,132	956	211,639
1894	477	37,827	293	85,720	14	1,522	54	8,126	838	131,195
1895	397	34,900	248	69,754	11	1,225	38	5,723	694	111,602
1896	369	65,236	286	138,028	18	1,495	55	22,337	723	227,096
1897	338	64,808	288	106,153	70	10,216	195	51,565	891	232,232
1898	359	94,416	394	105,838	20	12,386	179	37,813	952	180,468
1899	420	98,073	439	151,053	13	11,411	401	49,496	1,278	300,038
1900	504	116,400	422	202,528	38	4,492	493	40,310	1,447	393,790
1901	526	126,105	506	273,591	79	9,078	469	74,655	1,580	483,489
1902	581	197,698	579	308,178	44	4,599	287	58,416	1,491	468,831
1903	470	89,979	551	271,781	19	2,215	271	72,177	1,311	436,152
1904	330	64,908	613	255,744	25	2,763	216	56,137	1,184	378,542
1905	310	79,418	560	197,702	30	3,248	202	49,948	1,102	330,316
1906	223	85,209	650	315,707	83	8,832	259	58,997	1,221	418,745
1907	147	24,907	674	365,405	62	6,577	274	74,443	1,157	471,332
1908	134	31,981	923	481,624	46	4,970	354	95,641	1,457	614,216
1909	141	28,350	821	148,208	21	2,292	264	58,640	1,247	238,000
1910	127	19,353	936	257,993	50	5,720	248	58,997	1,361	342,068
1911	122	10,092	969	227,231	51	5,862	320	47,977	1,422	291,162
1912	95	21,221	1,051	153,493	27	2,978	332	54,977	1,505	232,669
1913	72	28,610	1,004	243,408	89	4,641	360	69,496	1,476	346,155
1914	51	13,749	778	224,225	25	2,568	297	75,718	1,151	316,250

**No. 219.—VESSELS BUILT IN THE SEVERAL SECTIONS OF THE UNITED STATES: NUMBER AND TONNAGE, 1895 TO 1914.**

[Source: Reports of the Commissioner of Navigation. The term "gross ton" expresses in units of 100 cubic feet the entire cubical capacity of the vessel, including spaces occupied by the crew, engines, boilers, and coal bunkers.]

Year ended June 30—	On the New England coast.		On the entire seaboard.		On the Mississippi River and its tributaries.		On the Great Lakes.		Total.	
	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.
1895.....	145	26,783	527	67,127	74	8,122	93	36,853	694	111,602
1896.....	163	39,582	511	102,544	95	15,771	117	108,782	723	227,097
1897.....	98	21,942	673	103,504	98	11,792	120	116,937	891	232,238
1898.....	127	23,944	742	112,879	123	13,495	87	54,084	952	180,458
1899.....	144	63,761	937	196,120	214	23,552	122	80,366	1,273	300,033
1900.....	199	72,179	1,107	249,006	215	14,173	125	130,611	1,447	393,790
1901.....	201	82,971	1,094	291,516	311	22,888	175	169,085	1,580	483,489
1902.....	225	75,851	1,197	290,122	161	9,836	133	168,873	1,491	468,831
1903.....	203	66,973	1,038	288,196	150	11,112	123	136,844	1,311	436,152
1904.....	170	51,417	878	208,288	187	10,821	119	159,433	1,184	378,542
1905.....	192	119,377	823	230,716	178	6,477	101	93,123	1,102	330,316
1906.....	146	32,311	850	146,883	167	6,591	204	265,271	1,221	418,745
1907.....	106	44,428	815	219,753	165	7,283	177	244,291	1,157	471,582
1908.....	151	70,903	1,034	266,987	207	6,114	216	341,165	1,457	614,216
1909.....	130	27,237	866	131,743	207	5,940	174	100,402	1,247	238,090
1910.....	111	23,442	837	167,820	193	5,488	281	168,751	1,301	342,063
1911.....	94	23,653	1,004	190,612	202	6,393	216	94,157	1,422	291,162
1912.....	95	23,052	1,076	136,435	205	5,286	224	90,898	1,505	232,669
1913.....	95	27,131	1,022	247,318	234	7,930	219	90,907	1,475	340,155
1914.....	79	21,934	887	251,683	133	8,018	131	56,549	1,151	316,250

**No. 220.—VESSELS BUILT: NUMBER AND TONNAGE OF IRON AND STEEL SAILING VESSELS, STEAM VESSELS, AND BARGES BUILT IN THE UNITED STATES, 1890 TO 1914.**

[Source: Reports of the Commissioner of Navigation. The term "gross ton" expresses in units of 100 cubic feet the entire cubical capacity of the vessel, including spaces occupied by the crew, engines, boilers, and coal bunkers.]

Year ended June 30—	Sailing vessels.		Steam vessels.		Barges.		Total.	
	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.	Number.	Gross tons.
1890.....	2	134	61	79,342	5	5,133	68	84,659
1891.....	4	251	81	102,630	6	6,305	91	109,146
1892.....	5	415	52	45,896	4	4,958	61	51,269
1893.....	8	2,012	61	82,933	9	11,717	78	96,662
1894.....	2	4,047	33	46,889	.....	.....	40	51,536
1895.....	3	5,267	37	43,335	5	704	45	49,306
1896.....	6	15,800	47	82,311	7	3,487	60	101,593
1897.....	10	31,424	48	83,140	13	11,521	71	126,085
1898.....	2	6,724	52	48,560	10	7,041	64	62,325
1899.....	5	16,152	83	112,781	4	2,823	92	131,756
1900.....	11	29,168	81	167,957	.....	.....	92	197,125
1901.....	12	21,746	102	236,159	7	4,825	121	262,730
1902.....	3	8,406	102	270,932	2	1,024	107	280,362
1903.....	4	12,184	100	240,107	4	5,928	108	258,219
1904.....	4	15,290	88	222,307	6	3,483	93	241,080
1905.....	5	3,225	68	170,304	16	9,111	89	182,640
1906.....	4	3,077	100	289,094	11	5,199	115	297,370
1907.....	4	5,655	108	333,516	17	9,384	129	348,555
1908.....	.....	.....	132	442,625	17	7,392	149	450,017
1909.....	9	7,985	67	123,142	18	5,796	89	136,923
1910.....	6	3,699	94	234,988	19	11,937	119	250,624
1911.....	1	1,290	112	195,964	13	4,719	126	201,973
1912.....	5	6,097	80	129,181	18	10,603	103	145,881
1913.....	6	15,000	104	205,685	21	12,937	131	233,672
1914.....	.....	.....	101	195,611	21	9,820	122	205,181

**No. 221.—PANAMA CANAL EXCAVATIONS: BY FRENCH COMPANIES, AND BY AMERICANS, CALENDAR YEARS 1904 TO 1914:**

[Source: Official Handbook of the Panama Canal.]

Excavated by—	Amount.
French companies:	<i>Cubic yards.</i>
Amount useful to present canal.....	29,908,000
Total amount excavated.....	78,146,960
Americans:	
Calendar years—	
1904 (May 4 to Dec. 31).....	243,472
1905.....	1,799,227
1906.....	4,948,497
1907.....	15,765,290
1908.....	37,116,735
1909.....	35,006,166
1910.....	31,437,077
1911.....	31,603,809
1912.....	30,269,340
1913.....	27,177,960
1914.....	13,040,501
Total.....	229,098,773
Dry excavation.....	130,206,720
Dredges.....	98,832,053

<sup>1</sup> Eleven months ended Nov. 30.

**No. 222.—PANAMA CANAL EXCAVATIONS: TOTAL AMOUNT EXCAVATED AND TO BE EXCAVATED, DEC. 31, 1914, BY DIVISIONS.**

[Source: Official Handbook of the Panama Canal.]

Division.	Excavated.	To be excavated.
Atlantic:	<i>Cubic yards.</i>	<i>Cubic yards.</i>
Dry excavation.....	8,865,841	21,136
Dredges.....	41,950,432	2,567,478
Total.....	50,816,273	2,588,614
Central:		
Culebra Cut.....	105,738,139	2,095,681
All other points.....	12,045,824	251,000
Total.....	118,683,963	2,346,681
Pacific:		
Dry excavations.....	11,292,617	.....
Dredges.....	48,305,920	4,811,519
Total.....	59,598,537	4,811,519
Grand total.....	229,098,773	9,746,814

No. 223.—AMERICAN AND FOREIGN SAILING AND STEAM VESSELS ENTERED AT SEAPORTS AND AT ALL PORTS OF THE UNITED STATES FROM FOREIGN COUNTRIES: TONNAGE, 1887 TO 1914.

[The "net ton" equals 100 cubic feet of carrying capacity, exclusive of deductions for space occupied by cabins, machinery, etc. Lack of uniformity in rules for the measurement of tonnage probably affects the accuracy of the figures presented.]

Year ended June 30—	Sailing vessels.			Steam vessels.			Total sailing and steam.			All ports.		
	Foreign.		Total.	Foreign.		Total.	Foreign.		Total.	Foreign.		Total.
	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.
1887	1,470,489	3,829,590	5,300,079	1,400,447	6,831,189	8,231,636	2,970,936	10,660,779	13,531,715	3,365,516	12,450,767	15,816,283
1888	1,281,941	3,441,957	4,723,898	1,632,557	6,000,194	7,632,851	2,913,938	10,042,161	12,956,159	3,366,767	12,026,336	15,393,108
1889	1,304,136	3,088,127	4,392,263	1,823,701	7,095,688	8,919,389	3,127,837	10,183,815	13,311,682	3,227,794	12,227,794	15,455,119
1890	1,894,665	3,071,111	4,965,776	2,009,919	8,689,909	10,699,828	3,404,584	11,961,020	15,365,604	4,068,121	14,024,140	18,107,261
1891	1,336,468	2,942,115	4,278,583	2,333,904	8,781,724	11,115,628	3,670,372	11,723,839	15,394,211	4,380,804	13,823,491	18,201,295
1892	1,427,976	3,044,594	4,472,570	2,318,675	11,389,605	13,708,280	3,746,651	14,483,829	18,180,480	4,469,955	16,223,320	21,013,424
1893	1,280,606	2,932,368	4,212,974	2,212,636	10,253,180	12,465,816	3,493,242	13,185,548	16,678,790	4,358,686	15,223,130	19,581,816
1894	1,258,217	2,476,760	3,734,977	2,390,863	10,398,917	13,239,730	3,643,080	13,375,677	17,024,757	4,654,679	13,324,984	19,989,663
1895	1,265,925	2,474,392	3,740,315	2,410,728	10,574,304	12,985,032	3,676,651	13,048,686	16,725,347	4,472,830	14,822,085	19,294,915
1896	1,068,495	2,531,529	3,600,024	2,004,892	11,247,952	13,862,944	3,673,457	13,779,481	17,462,968	5,196,320	16,792,854	20,989,184
1897	1,129,745	2,715,922	3,845,737	2,481,431	13,675,471	16,156,902	3,611,176	16,391,463	20,002,639	5,625,323	18,234,922	23,760,250
1898	974,552	2,384,539	3,359,091	2,368,211	16,246,105	18,603,039	3,362,475	18,837,836	21,700,311	5,240,946	20,339,358	25,579,399
1899	923,561	2,322,313	3,245,876	3,030,678	17,237,045	20,267,723	3,974,239	19,559,353	23,533,597	6,135,652	20,027,353	26,163,006
1900	842,487	2,115,501	2,957,988	3,137,077	18,695,885	21,832,962	3,973,564	20,311,836	24,790,950	6,381,305	23,386,716	29,768,021
1901	866,439	2,079,158	2,945,597	3,153,432	18,262,406	21,415,978	4,019,571	20,341,564	24,681,485	6,340,660	20,770,156	26,110,816
1902	656,611	2,075,103	2,731,714	3,224,425	18,741,553	21,965,976	3,851,036	20,816,656	24,687,692	6,961,562	24,137,051	31,093,663
1903	517,627	1,804,047	2,321,674	3,238,259	19,580,987	21,792,246	3,805,886	20,305,034	24,110,920	6,679,173	23,273,237	29,952,410
1904	630,129	1,547,104	2,177,233	3,392,392	19,185,894	22,723,364	4,120,187	20,673,112	24,798,289	7,080,624	23,902,953	30,983,217
1905	491,942	1,402,980	1,894,922	3,462,251	23,920,559	27,382,840	3,924,223	25,323,639	29,247,762	8,115,656	28,506,600	36,622,256
1906	485,748	1,358,651	1,844,399	3,827,856	24,771,440	28,599,236	4,313,604	26,130,031	30,443,963	8,473,227	30,065,968	38,539,195
1907	513,929	1,124,923	1,638,852	3,889,065	24,715,213	28,604,278	4,402,994	25,840,136	30,248,130	8,771,464	30,285,674	39,058,138
1908	435,704	1,092,399	1,528,103	3,780,524	25,610,167	29,390,691	4,214,228	26,302,566	30,916,794	8,888,459	31,847,247	40,235,806
1909	455,922	1,037,966	1,493,888	3,885,851	27,117,874	31,006,225	4,301,768	28,155,940	32,457,123	9,682,770	32,862,219	42,674,989
1910	565,348	968,663	1,534,011	4,006,316	27,128,759	33,135,075	4,701,664	30,087,422	34,659,086	11,257,067	34,900,973	46,168,071
1911	714,646	1,018,969	1,733,615	4,526,655	31,712,566	36,239,221	5,241,301	32,731,535	37,972,856	13,072,567	37,566,906	50,639,173
1912	562,441	988,146	1,550,587	4,873,333	33,623,349	38,501,702	5,485,794	34,616,439	40,052,239	13,730,075	39,855,502	53,588,577

No. 224.—AMERICAN AND FOREIGN SAILING AND STEAM VESSELS CLEARED FROM SEAPORTS AND FROM ALL PORTS OF THE UNITED STATES FOR FOREIGN COUNTRIES: TONNAGE, 1887 TO 1914.

[The "net ton" equals 100 cubic feet of carrying capacity, exclusive of deductions for space occupied by cabins, machinery, etc. Lack of uniformity in rules for the measurement of tonnage probably affects the accuracy of the figures presented.]

Year ended June 30—	Sailing vessels.			Steam vessels.			Seaports.			Total sailing and steam.			All ports.		
	American.		Foreign.	American.		Foreign.	American.		Foreign.	American.		Foreign.	American.		Total.
	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.
1887	1,868,144	3,700,575	5,123,719	1,407,374	6,979,442	8,386,316	2,770,513	10,740,017	13,510,535	3,259,046	12,494,135	15,753,231	3,415,004	12,253,900	15,668,904
1888	1,905,645	3,640,615	4,946,260	1,638,568	6,667,369	8,305,937	2,944,213	10,307,984	13,252,197	3,453,004	12,253,900	15,668,904	3,988,454	12,354,693	16,348,147
1889	1,485,318	3,215,258	4,700,571	1,857,032	7,114,058	8,971,661	3,342,350	10,329,311	13,671,661	3,988,454	12,354,693	16,348,147	4,066,757	14,082,105	18,148,862
1890	1,872,947	3,153,641	4,526,588	2,017,070	8,885,391	10,902,461	3,390,017	12,089,052	15,429,049	4,066,757	14,082,105	18,148,862	4,586,402	13,805,430	18,260,832
1891	1,843,089	2,915,753	4,268,842	2,372,994	8,778,874	11,151,868	3,716,083	11,094,627	15,410,710	4,586,402	13,805,430	18,260,832	4,456,151	16,624,832	21,161,038
1892	1,425,906	2,982,504	4,408,410	2,325,144	11,524,611	13,849,755	3,751,050	14,307,115	18,258,165	4,456,151	16,624,832	21,161,038	4,403,362	15,357,384	19,760,740
1893	1,270,962	2,908,309	4,179,771	2,268,169	10,879,541	12,645,710	3,597,131	13,288,350	16,825,481	4,403,362	15,357,384	19,760,740	4,739,918	15,531,772	20,271,690
1894	1,326,434	2,554,733	3,881,167	2,420,214	11,004,952	13,425,166	3,746,643	13,659,685	17,306,333	4,739,918	15,531,772	20,271,690	4,504,227	15,246,319	19,750,546
1895	1,205,714	2,479,509	3,685,223	2,409,944	10,928,478	13,338,422	3,615,658	13,407,937	17,023,645	4,504,227	15,246,319	19,750,546	5,329,569	16,084,966	21,414,585
1896	1,126,958	2,507,683	3,633,996	2,614,111	11,570,683	14,184,794	3,741,069	14,077,721	17,818,790	5,329,569	16,084,966	21,414,585	5,618,142	18,091,053	23,709,195
1897	1,139,235	2,557,985	3,697,270	2,498,164	13,682,971	16,181,135	3,687,449	16,240,956	19,878,405	5,618,142	18,091,053	23,709,195	5,471,752	20,794,224	26,263,176
1898	918,252	2,867,154	3,785,406	2,812,762	15,793,570	18,106,332	3,281,014	18,060,724	21,891,733	5,471,752	20,794,224	26,263,176	5,111,447	20,686,785	25,748,232
1899	1,008,363	2,841,898	3,850,261	2,454,886	16,372,336	18,827,222	3,463,249	18,714,234	22,177,483	5,208,918	20,686,785	25,748,232	6,208,918	22,072,223	28,231,141
1900	958,489	2,340,202	3,298,691	3,047,635	17,271,842	20,318,967	4,006,114	19,611,644	23,617,658	6,208,918	22,072,223	28,231,141	4,417,347	23,402,546	29,819,893
1901	903,369	2,128,691	3,037,060	3,111,400	18,740,908	21,852,206	4,019,769	20,939,959	24,889,368	4,417,347	23,402,546	29,819,893	4,821,555	23,622,527	30,444,082
1902	813,131	2,110,931	2,924,062	3,142,384	18,175,658	21,318,042	3,955,515	20,826,258	24,242,104	4,821,555	23,622,527	30,444,082	6,975,227	24,340,941	31,816,168
1903	682,732	2,027,931	2,609,663	3,298,206	18,864,295	22,162,501	3,930,988	20,892,226	24,823,164	6,975,227	24,340,941	31,816,168	5,641,574	23,374,201	30,015,875
1904	518,607	1,802,426	2,321,033	3,317,236	18,533,716	21,870,950	3,858,841	20,856,142	24,191,983	7,203,008	23,964,533	31,137,541	7,580,533	25,203,921	33,784,454
1905	618,417	1,541,164	2,159,581	3,640,924	19,219,315	22,860,239	4,253,341	20,760,479	25,019,850	7,580,533	25,203,921	33,784,454	8,092,557	27,897,500	35,990,057
1906	667,237	1,032,293	2,269,530	3,255,969	21,444,351	24,700,320	3,923,206	23,046,644	26,969,850	8,092,557	27,897,500	35,990,057	8,485,207	29,346,489	38,231,696
1907	475,713	1,426,919	1,902,632	3,821,732	23,274,694	26,586,476	3,797,465	24,701,613	28,499,108	8,485,207	29,346,489	38,231,696	8,481,725	29,704,756	39,196,431
1908	537,776	1,318,012	1,855,783	3,727,978	24,228,206	27,956,539	4,215,208	25,888,543	29,604,056	8,481,725	29,704,756	39,196,431	8,808,603	30,897,255	39,705,858
1909	487,230	1,160,642	1,647,873	3,767,229	25,166,295	28,933,524	4,196,060	26,313,894	30,509,954	8,808,603	30,897,255	39,705,858	7,753,463	32,638,684	42,437,147
1910	428,881	1,147,599	1,576,430	3,767,229	25,166,295	28,933,524	4,196,060	26,313,894	30,509,954	8,808,603	30,897,255	39,705,858	7,753,463	32,638,684	42,437,147
1911	444,227	1,031,829	1,536,056	3,888,121	26,779,436	30,112,557	4,427,343	27,871,265	32,298,613	7,753,463	32,638,684	42,437,147	8,170,467	34,716,456	46,414,912
1912	591,606	996,156	1,587,762	4,201,917	28,916,339	33,708,252	4,733,523	29,704,756	34,716,456	8,170,467	34,716,456	46,414,912	13,945,801	37,206,168	51,151,959
1913	768,455	1,055,640	1,824,085	4,820,697	31,221,160	35,741,887	5,289,152	32,275,800	37,585,952	13,945,801	37,206,168	51,151,959	13,740,628	39,442,781	53,183,409
1914	558,478	1,015,943	1,574,421	4,626,729	33,542,062	38,168,791	5,188,207	34,558,005	39,743,212	13,740,628	39,442,781	53,183,409			

No. 225.—VESSELS ENTERED AT AND CLEARED FROM SEAPORTS OF THE UNITED STATES FROM AND TO FOREIGN COUNTRIES: TONNAGE, 1890 TO 1914, BY COUNTRIES.

[The "net ton" equals 100 cubic feet of carrying capacity, exclusive of deductions for space occupied by cabins, machinery, etc. Lack of uniformity in rules for the measurement of tonnage probably affects the accuracy of the figures presented.]

Year ended June 30—	Belgium.		France.		Germany.		Italy.		Netherlands.		Spain.		United Kingdom.	
	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.
	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.								
1890.....	457,718	543,495	374,536	747,995	1,361,849	1,485,924	397,944	197,419	200,897	363,447	348,069	189,165	4,190,295	5,657,053
1891.....	463,595	501,736	377,602	885,441	1,594,223	1,648,868	463,989	184,280	261,017	369,174	328,170	194,275	4,056,328	4,993,862
1892.....	636,942	785,184	630,086	1,302,562	1,664,440	2,010,973	506,968	225,227	463,552	711,216	325,741	146,446	6,036,030	6,335,063
1893.....	558,353	600,775	496,271	772,727	1,492,323	1,518,978	430,147	319,714	514,240	599,294	288,982	194,901	4,384,369	5,927,712
1894.....	518,303	521,761	583,955	927,787	1,491,531	1,513,010	483,137	347,304	573,284	590,995	181,045	200,857	5,947,861	6,222,875
1895.....	531,823	464,389	481,120	813,110	1,453,509	1,504,062	484,284	383,595	507,845	476,537	127,368	174,366	5,161,231	6,139,570
1896.....	379,320	534,755	485,777	749,120	1,567,497	1,670,748	511,935	333,236	485,979	825,092	199,604	161,407	5,302,373	5,930,292
1897.....	661,755	666,127	489,793	864,767	1,667,106	2,079,352	623,242	426,772	527,711	1,061,546	243,572	159,655	6,225,070	7,163,057
1898.....	708,848	875,040	614,490	1,437,702	1,815,167	2,517,670	743,245	455,685	651,046	1,211,445	279,887	184,599	7,881,172	7,699,984
1899.....	800,537	831,533	627,255	929,080	1,984,763	2,400,952	743,245	436,769	802,084	1,455,756	293,323	143,914	7,624,247	7,304,929
1900.....	753,375	832,434	642,654	1,011,322	2,384,042	2,706,337	798,380	588,957	968,657	1,303,168	443,420	212,350	7,015,828	8,047,998
1901.....	742,607	796,063	653,176	1,058,468	2,203,375	2,521,748	871,834	539,113	734,944	1,290,044	343,329	219,056	7,911,055	8,084,448
1902.....	880,867	926,012	620,282	977,606	2,209,588	2,397,632	814,175	708,016	801,834	1,136,150	456,715	232,046	7,103,158	7,286,604
1903.....	1,045,455	1,005,628	505,465	944,079	2,206,065	2,579,030	894,330	780,609	823,878	1,214,546	407,940	265,364	7,517,547	7,194,464
1904.....	949,054	902,797	464,201	872,248	2,066,459	2,517,361	946,699	755,131	773,624	1,049,105	456,418	257,439	7,385,136	7,036,586
1905.....	858,383	912,162	487,514	877,514	2,139,331	2,565,795	1,092,716	1,007,923	782,500	1,002,024	483,293	259,490	6,671,069	5,939,024
1906.....	961,338	918,311	614,494	1,096,762	2,480,092	2,853,750	1,382,639	1,279,349	845,091	1,297,688	496,636	260,406	7,781,217	7,137,402
1907.....	1,013,356	935,314	598,824	1,289,114	2,872,069	3,129,519	1,245,085	1,327,009	942,695	1,208,000	566,936	301,957	7,095,519	7,301,040
1908.....	910,085	933,581	791,766	1,213,333	2,595,893	3,318,839	1,425,880	1,484,537	911,953	1,273,851	562,194	316,899	7,815,350	7,476,007
1909.....	906,535	937,987	797,766	1,328,842	2,715,939	3,143,898	1,494,165	1,586,357	959,659	1,294,345	629,682	322,140	7,507,769	7,076,231
1910.....	909,739	955,294	748,845	1,253,987	2,837,602	3,042,738	1,431,839	1,749,906	989,548	1,284,441	727,139	299,325	6,735,739	6,498,344
1911.....	904,728	939,699	853,294	1,264,638	2,892,103	3,075,205	1,407,549	1,699,639	1,056,451	1,297,108	693,637	289,016	6,862,932	7,385,826
1912.....	934,377	1,014,460	1,371,708	2,856,792	3,521,582	3,821,482	1,100,122	1,489,339	1,155,129	1,411,444	745,016	323,763	6,983,155	6,953,824
1913.....	1,024,086	1,173,367	1,628,888	3,306,794	3,892,474	4,308,487	1,308,437	1,597,016	1,324,431	1,851,202	762,053	382,713	7,910,036	7,377,419
1914.....	951,193	1,131,734	1,763,808	3,589,120	3,902,073	4,326,026	1,393,915	1,893,915	1,321,014	1,700,676	691,160	422,571	7,697,336	7,593,402

Year ended June 30—	Nova Scotia, New Brunswick, and Prince Edward Island.		British Columbia.		Central American States.		Mexico.		British West Indies and Honduras.		Cuba.		Argentina.		Brazil.		
	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	
	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	
1890	898,789	965,206	1,159,210	229,566	212,721	144,982	767,250	404,672	1,185,616	840,273	418,754	282,115	514,597	282,115	514,597	282,115	
1891	1,041,715	1,110,798	1,388,702	213,861	208,633	228,612	676,521	443,568	1,267,948	859,957	68,989	85,783	476,120	85,783	476,120	253,191	
1892	964,351	1,060,333	1,351,710	246,520	205,099	162,291	576,519	382,875	1,452,672	1,069,310	1,462,946	92,364	533,317	1,069,310	1,462,946	275,275	
1893	987,436	1,072,861	1,194,366	248,356	199,769	308,396	706,657	473,214	1,622,194	1,214,111	99,506	149,918	481,311	149,918	481,311	239,851	
1894	931,592	1,016,932	1,285,368	272,872	212,529	274,724	681,304	455,405	1,688,638	1,212,136	51,600	147,112	389,319	1,212,136	389,319	214,611	
1895	951,262	1,054,213	1,431,863	1,404,459	298,021	169,424	580,293	482,651	1,381,988	1,136,734	107,950	155,420	406,675	107,950	406,675	269,602	
1896	965,295	1,172,109	1,456,163	1,465,185	295,393	227,842	659,196	538,072	1,278,648	887,410	102,841	197,844	512,397	102,841	197,844	310,516	
1897	926,175	1,075,623	1,353,663	1,360,579	307,539	232,123	758,754	499,315	1,088,519	798,394	149,408	199,396	908,841	149,408	199,396	198,029	
1898	908,275	924,555	1,543,596	1,543,596	281,986	213,305	778,195	544,018	823,402	631,840	146,754	207,001	831,064	146,754	207,001	289,414	
1899	886,071	957,909	1,336,041	1,436,373	532,870	446,972	871,040	574,905	1,234,505	1,063,734	128,814	253,162	666,328	1,063,734	253,162	274,259	
1900	1,214,476	1,301,780	1,469,610	1,465,052	375,268	320,518	705,760	696,485	1,841,928	1,247,752	73,658	237,765	500,595	73,658	237,765	245,574	
1901	1,229,031	1,303,769	1,640,378	1,641,639	406,972	341,068	847,517	747,472	1,784,729	1,582,130	1,313,660	137,933	232,939	1,313,660	137,933	232,939	588,498
1902	1,220,973	1,372,543	1,423,269	1,404,997	370,167	349,170	768,047	595,429	1,871,000	1,608,471	1,608,471	146,399	268,405	1,608,471	146,399	268,405	249,927
1903	1,410,071	1,624,233	1,287,346	1,275,480	471,567	426,078	969,053	932,453	1,823,310	1,714,644	99,062	195,683	502,645	99,062	195,683	239,710	
1904	1,267,241	1,333,012	1,331,269	1,336,415	698,795	635,555	806,306	560,354	721,471	734,618	2,205,848	1,942,320	432,018	2,205,848	432,018	223,467	
1905	1,841,036	1,422,021	1,342,587	1,382,587	893,150	909,014	744,726	673,296	1,060,059	1,167,109	2,454,786	2,041,046	197,058	1,060,059	1,167,109	214,867	
1906	1,516,737	1,594,842	1,327,157	1,250,651	1,023,459	1,122,884	698,072	741,937	1,212,798	1,187,109	2,454,786	2,041,046	197,058	1,212,798	1,187,109	199,350	
1907	1,514,059	1,629,115	1,498,081	1,499,709	1,034,554	987,841	964,162	1,335,119	1,329,062	2,422,666	1,947,086	367,203	472,503	1,329,062	472,503	269,017	
1908	1,518,121	1,550,846	1,779,004	1,804,372	1,288,270	1,454,723	1,085,878	1,085,878	1,231,062	2,300,622	1,976,626	441,466	745,024	1,231,062	441,466	294,171	
1909	1,319,475	1,404,380	2,018,180	2,043,683	1,386,087	1,491,890	1,115,513	1,115,513	1,039,844	2,192,085	1,930,111	485,901	735,991	1,039,844	485,901	309,709	
1910	1,404,650	1,527,154	1,936,567	2,052,334	1,615,940	1,928,129	1,355,349	1,355,349	1,079,876	2,187,050	2,187,050	521,376	807,211	1,079,876	521,376	389,831	
1911	1,375,926	1,560,512	2,184,596	2,197,273	1,769,480	2,120,788	1,288,156	1,310,977	1,094,167	1,194,166	2,976,587	2,425,426	699,216	1,094,167	2,976,587	385,096	
1912	1,488,374	1,636,248	2,512,077	2,613,219	1,930,413	2,238,692	1,429,180	1,579,921	2,204,104	2,288,277	2,974,507	2,376,083	1,128,792	2,204,104	2,288,277	686,609	
1913	1,651,492	1,632,081	2,928,001	2,928,001	1,986,030	2,177,322	2,060,929	2,291,424	869,993	1,098,072	3,287,224	2,595,768	511,970	869,993	1,098,072	696,856	
1914	1,692,798	1,652,788	3,153,930	2,992,512	2,188,827	2,488,827	2,315,939	2,695,690	1,041,583	1,377,713	3,165,943	2,609,843	1,028,467	1,041,583	1,377,713	710,701	

No. 225.—VESSELS ENTERED AT AND CLEARED FROM SEAPORTS OF THE UNITED STATES, ETC.: TONNAGE, 1890 TO 1914, BY COUNTRIES—Continued.

Year ended June 30—	Colombia.		British East Indies.		China, including Hongkong.		Japan.		British Australasia.		All other countries.		Total.	
	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.
	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.
1890	177,414	187,521	152,292	114,818	148,780	156,249	84,967	96,788	285,036	180,062	1,825,625	1,338,217	15,365,604	15,429,049
1891	200,622	203,932	183,117	104,312	169,062	183,394	118,760	103,588	200,225	210,352	1,542,447	1,254,852	15,394,211	15,410,710
1892	214,543	221,257	186,409	97,550	160,847	190,063	94,192	66,603	310,148	198,219	1,508,025	1,301,017	18,180,480	18,258,165
1893	274,071	307,077	183,504	102,597	154,138	230,325	80,572	76,004	245,179	133,034	1,502,151	1,293,069	16,678,790	16,826,481
1894	272,989	261,115	81,314	149,452	170,080	238,527	104,441	95,435	165,401	121,213	1,426,469	1,332,849	17,024,757	17,306,383
1895	365,775	309,748	163,365	88,292	164,258	207,269	123,615	62,712	101,557	164,500	1,515,544	1,320,293	16,725,347	17,023,644
1896	312,717	284,380	116,627	62,436	204,873	269,834	138,647	104,411	238,554	207,265	1,720,255	1,648,015	17,452,968	17,818,790
1897	292,053	244,249	110,857	74,254	262,845	311,360	257,766	176,690	282,321	253,688	2,372,480	1,771,684	20,002,669	19,878,405
1898	270,444	224,208	132,888	112,315	253,608	340,216	274,404	126,250	241,284	222,200	2,273,063	1,859,449	21,700,311	21,891,788
1899	262,108	249,323	128,133	92,359	328,021	351,180	216,985	171,749	149,738	253,680	2,227,191	2,041,756	21,963,407	22,177,483
1900	336,366	307,384	132,465	77,778	1394,801	1,456,069	272,491	256,820	141,922	298,514	3,049,526	2,501,204	23,583,597	23,617,658
1901	339,690	320,723	131,955	89,755	1,367,439	1,405,211	423,827	226,708	327,003	403,792	2,684,914	2,468,909	24,790,950	24,889,368
1902	368,799	329,774	173,982	68,115	1,322,460	1,437,238	428,561	283,543	341,933	387,946	2,739,127	2,446,402	24,361,485	24,242,104
1903	366,876	337,909	166,857	77,939	1,316,188	1,353,812	406,945	270,518	348,890	492,656	2,294,015	2,320,958	24,691,632	24,823,164
1904	227,573	214,226	201,709	130,022	1,277,904	1,365,707	301,904	267,888	375,316	494,432	2,301,889	2,318,219	24,110,920	24,191,983
1905	19,501	14,004	242,695	121,949	1,292,120	1,519,350	367,993	319,934	240,176	485,337	2,975,412	3,207,891	24,793,299	25,019,820
1906	27,681	25,854	356,357	161,097	1,358,922	1,305,847	502,294	369,136	285,955	378,281	2,385,937	2,351,798	27,401,470	26,969,850
1907	44,365	22,917	298,021	108,079	369,367	1,406,031	603,977	456,863	232,179	409,259	2,826,638	2,857,987	29,247,762	29,369,108
1908	43,171	20,456	270,336	117,432	1,344,003	1,395,143	545,273	609,998	182,655	417,174	3,484,706	2,770,107	30,443,685	30,198,327
1909	173,855	127,422	428,108	122,818	1,420,192	1,242,588	556,558	448,165	132,416	408,335	3,166,488	2,741,546	30,243,130	29,604,056
1910	147,891	112,223	283,472	108,760	1,405,592	1,356,110	505,199	409,124	114,197	365,777	3,436,865	3,127,145	30,916,794	30,509,954
1911	236,642	112,490	305,347	112,684	1,417,700	1,452,881	602,057	497,873	220,789	503,029	3,598,648	3,069,498	32,457,123	32,298,613
1912	219,395	174,081	302,722	166,728	1,447,747	1,315,209	634,019	641,901	563,127	595,149	4,073,116	3,584,551	34,659,086	34,706,018
1913	206,228	310,967	372,311	148,774	1,439,429	1,392,334	710,752	561,662	277,844	613,221	4,645,942	3,703,803	37,972,336	37,565,952
1914	183,495	272,089	373,708	120,332	1,467,857	1,438,460	773,566	598,415	354,695	594,343	4,948,194	4,352,597	40,052,289	39,743,212

<sup>1</sup> Includes British, French, German, Japanese, and Russian China.

**No. 226.—VESSELS ENTERED AT AND CLEARED FROM CUSTOMS DISTRICTS<sup>1</sup> OF THE UNITED STATES FROM AND TO FOREIGN COUNTRIES: TONNAGE, YEAR ENDED JUNE 30, 1914.**

[The "net ton" equals 100 cubic feet of carrying capacity, exclusive of deductions for space occupied by cabins, machinery, etc. Lack of uniformity in rules for the measurement of tonnage probably affects the accuracy of the figures presented.]

Customs district.	Entered.	Cleared.	Customs district.	Entered.	Cleared.
<b>Atlantic coast:</b>	<i>Net tons.</i>	<i>Net tons.</i>	<b>Northern border:</b>	<i>Net tons.</i>	<i>Net tons.</i>
Connecticut.....	33,536	4,904	Buffalo.....	2,080,749	1,281,416
Georgia.....	403,713	777,196	Chicago.....	232,369	602,431
Maine and New Hampshire	849,166	804,885	Duluth and Superior.....	1,596,171	1,099,202
Maryland.....	1,477,493	1,652,441	Eastern Vermont.....	52,740	52,740
Massachusetts.....	3,363,100	2,217,521	Michigan.....	2,437,627	2,316,444
New York.....	15,767,547	15,421,394	Montana and Idaho.....	15	15
North Carolina.....	103,547	85,186	Ohio.....	3,590,287	4,959,953
Philadelphia.....	2,787,219	2,211,906	Rochester.....	2,231,246	2,276,147
Porto Rico.....	540,139	539,082	St. Lawrence.....	1,084,388	710,184
Rhode Island.....	88,069	63,759	Western Vermont.....	8,271	3,212
South Carolina.....	304,527	112,599	Wisconsin.....	22,425	133,363
Virginia.....	677,608	1,600,963	<b>Grand total.....</b>	<b>53,388,577</b>	<b>53,183,409</b>
<b>Gulf coast:</b>			<b>Recapitulation:</b>		
Florida.....	1,673,506	1,328,984	Atlantic coast.....	26,401,314	25,491,836
Galveston.....	1,382,633	1,850,676	Gulf coast.....	7,489,868	8,342,716
Mobile.....	867,466	1,110,969	Mexican border.....	118,760	110,422
New Orleans.....	2,851,265	3,102,184	Pacific coast.....	6,042,347	5,798,238
Sabine.....	714,998	949,003	Northern border.....	13,336,288	13,440,197
<b>Mexican border:</b>			<b>Total.....</b>	<b>53,388,577</b>	<b>53,183,409</b>
Laredo.....	118,760	110,422			
<b>Pacific coast:</b>					
Alaska.....	207,996	173,582			
Hawaii.....	640,174	306,084			
Oregon.....	167,765	323,914			
San Francisco.....	1,344,977	1,511,219			
Southern California.....	509,690	236,364			
Washington.....	3,171,745	3,246,475			
<b>Total seaports.....</b>	<b>40,052,289</b>	<b>39,743,212</b>			

<sup>1</sup> Customs districts were rearranged July 1, 1913. Transactions under the former arrangement of districts will be found in previous issues.

No. 227.—NATIONALITY OF THE FOREIGN TONNAGE AND TOTAL AMERICAN TONNAGE ENTERED AND CLEARED AT SEAPORTS OF THE UNITED STATES FROM AND TO FOREIGN COUNTRIES: 1888 TO 1914.

[The "net ton" equals 100 cubic feet of carrying capacity, exclusive of deductions for space occupied by cabins, machinery, etc. Lack of uniformity in rules for the measurement of tonnage probably affects the accuracy of the figures presented.]

Year ended June 30—	Austrian.		Belgian.		British.		Danish.		Dutch.		French.		German.		Italian.	
	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.
1888	59,098	70,755	302,748	287,146	6,678,122	6,829,084	58,665	60,780	141,472	145,462	884,575	396,460	1,077,881	1,102,588	288,291	317,813
1889	56,197	60,829	282,625	280,791	6,810,472	6,890,289	54,880	54,690	166,626	167,051	319,982	325,913	1,138,529	1,138,125	291,501	291,848
1890	62,096	61,460	299,653	286,899	8,114,548	8,158,137	49,822	48,922	168,638	158,147	335,754	327,292	1,319,804	1,316,247	296,885	328,277
1891	48,001	31,228	312,975	320,487	7,598,665	7,614,310	66,448	64,948	213,695	206,126	356,538	357,053	1,486,242	1,464,770	294,953	283,585
1892	24,234	31,124	299,405	295,868	9,837,821	9,837,821	82,087	83,180	370,705	374,608	374,970	379,054	1,606,607	1,628,808	304,899	313,108
1893	34,674	44,140	302,464	307,670	8,834,222	8,666,084	87,429	86,387	378,056	380,212	361,792	365,457	1,605,804	1,626,615	276,127	284,186
1894	27,917	21,984	298,983	296,356	8,882,217	9,041,141	95,629	123,285	395,494	397,247	369,543	368,015	1,579,095	1,581,306	237,075	249,422
1895	25,729	30,456	325,599	317,882	8,729,793	8,912,884	77,917	73,918	367,004	365,940	359,887	361,979	1,632,028	1,668,957	211,860	203,582
1896	37,669	58,627	380,138	378,577	9,154,682	9,857,931	91,476	95,417	402,825	405,571	345,616	347,557	1,682,825	1,686,705	196,447	198,316
1897	51,824	85,706	389,312	428,872	11,286,261	11,089,910	132,197	126,838	466,911	441,253	378,378	369,237	1,758,319	1,770,277	221,627	222,689
1898	105,419	121,312	349,655	364,738	12,581,866	12,854,566	202,157	204,192	413,692	409,946	382,642	386,928	2,087,696	2,076,374	220,122	222,585
1899	158,936	187,580	384,301	381,551	12,493,296	12,887,780	256,957	265,894	466,622	448,574	325,907	343,844	2,294,216	2,320,329	287,088	293,467
1900	107,289	124,576	360,971	365,192	12,483,113	12,464,012	296,657	298,131	466,911	441,253	382,098	393,397	2,630,489	2,702,791	320,111	332,942
1901	134,032	146,048	321,135	335,761	13,513,956	13,334,215	393,248	299,990	508,136	497,538	408,008	398,397	2,617,603	2,480,350	433,288	431,195
1902	140,026	143,400	329,469	337,281	12,367,945	12,828,367	313,265	305,777	668,016	640,464	554,216	560,407	2,796,680	2,800,594	323,533	310,509
1903	137,089	132,673	283,739	273,794	12,512,065	12,634,808	384,902	389,063	791,099	711,639	629,512	622,271	2,921,742	2,964,996	387,063	367,575
1904	130,850	130,599	213,783	209,054	12,172,456	12,224,609	407,663	400,766	640,468	611,770	639,589	626,500	3,057,862	3,022,803	555,901	555,404
1905	187,862	194,255	218,154	240,853	12,544,058	12,878,792	427,679	409,297	627,715	628,838	579,115	600,389	2,982,362	2,881,078	542,382	549,847
1906	229,052	221,312	207,931	196,144	14,281,886	13,960,243	474,131	483,037	698,704	695,744	711,980	717,822	3,283,228	3,350,613	525,026	512,896
1907	244,192	243,363	160,835	167,673	15,086,763	14,592,920	470,320	480,313	778,876	779,307	779,307	779,307	3,957,270	3,831,343	534,185	531,284
1908	308,473	314,134	186,459	202,666	15,790,030	15,850,407	413,196	439,451	732,287	800,641	848,062	862,596	8,541,867	8,792,673	693,980	607,908
1909	317,752	385,519	340,646	358,986	15,018,740	14,679,708	489,394	465,413	882,680	884,968	854,908	844,986	8,051,812	8,379,412	776,961	782,626
1910	271,885	296,308	451,724	452,530	16,189,268	14,847,448	523,606	496,163	946,900	927,185	837,561	804,747	4,454,004	4,053,471	850,412	855,955
1911	286,574	312,362	480,461	472,292	16,104,423	16,846,831	438,268	390,139	985,736	959,154	880,297	929,864	4,161,106	3,822,632	783,296	925,469
1912	312,243	313,144	340,886	339,273	18,146,424	18,097,785	481,269	486,826	984,796	962,547	966,927	956,303	3,811,811	4,630,881	838,469	807,144
1913	437,849	424,246	351,775	356,231	19,696,820	19,359,581	480,946	446,788	1,077,864	1,077,864	1,026,638	1,053,931	4,578,179	4,867,050	538,147	507,103
1914	467,251	500,415	425,765	400,077	20,416,045	20,417,315	484,255	480,458	1,055,515	1,107,415	1,123,295	1,125,969	5,034,996	5,004,747	882,127	901,041

Year ended June 30—	Norwegian and Swedish.		Portuguese.		Russian.		Spanish.		All other foreign.		Total foreign.		American.		Grand total.		
	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	Entered.	Cleared.	
	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	Net tons.	
1888.....	669,403	685,692	18,154	20,505	46,551	233,149	253,905	88,988	89,290	10,307,984	10,307,984	2,944,218	12,956,159	2,944,218	13,302,197		
1889.....	678,680	678,680	16,179	16,191	30,864	257,688	287,986	86,104	86,104	10,183,815	10,329,914	3,127,587	13,311,652	3,127,587	13,671,661		
1890.....	824,236	823,821	28,626	29,967	49,031	47,056	309,287	310,642	117,462	124,397	11,961,020	12,089,032	3,404,584	15,365,604	3,404,584	15,429,049	
1891.....	796,100	787,745	40,085	35,300	50,427	55,245	342,874	348,226	116,889	122,638	11,732,839	11,694,627	3,670,372	15,394,211	3,670,372	15,410,710	
1892.....	1,019,015	1,020,109	38,651	41,296	57,340	57,181	312,814	335,151	113,616	109,828	14,483,829	14,507,115	3,751,950	18,180,480	3,751,950	18,258,165	
1893.....	977,010	977,283	53,843	50,366	56,813	314,463	332,006	102,941	105,428	13,185,548	13,288,350	3,587,131	16,678,780	3,587,131	16,825,461		
1894.....	877,763	870,665	68,865	68,124	73,653	71,985	344,563	342,547	127,020	125,658	13,375,677	13,569,655	3,746,648	17,024,757	3,746,648	17,306,383	
1895.....	912,817	912,817	48,651	48,022	68,103	186,757	329,009	332,106	122,541	13,048,696	13,407,987	3,676,651	16,725,847	3,676,651	17,023,645		
1896.....	985,985	1,000,028	43,547	43,841	61,617	68,746	330,305	332,106	123,288	127,049	13,779,481	14,077,721	3,741,969	17,452,988	3,741,969	17,818,790	
1897.....	1,175,609	1,166,182	57,229	59,249	61,316	59,066	350,411	379,577	123,889	98,119	16,391,463	16,240,956	3,611,176	20,002,639	3,611,176	19,878,408	
1898.....	1,310,746	1,345,479	65,037	62,070	74,203	75,693	348,897	356,299	195,704	180,438	18,337,886	18,680,724	3,362,475	21,700,311	3,362,475	21,891,738	
1899.....	1,421,456	1,417,391	73,414	77,196	72,912	64,839	333,017	330,225	213,322	176,084	18,630,644	18,714,234	3,332,763	21,963,407	3,332,763	22,177,483	
1900.....	1,710,814	1,722,247	65,053	60,443	79,388	82,030	358,539	365,423	242,012	232,635	19,559,358	19,611,544	3,974,239	23,533,597	3,974,239	23,617,658	
1901.....	1,886,477	1,937,887	53,075	59,805	81,801	81,976	460,126	460,637	221,421	210,788	20,811,836	20,869,598	3,979,564	24,790,950	3,979,564	24,889,368	
1902.....	1,646,916	1,644,211	47,349	48,661	70,933	73,033	567,232	573,236	314,919	314,599	20,341,564	20,286,589	4,019,871	24,361,435	4,019,871	24,242,104	
1903.....	1,723,151	1,750,506	49,643	48,053	60,421	69,326	505,546	505,167	320,774	321,855	20,816,656	20,892,226	3,881,036	24,697,692	3,881,036	24,823,164	
1904.....	1,757,172	1,751,839	62,444	55,802	49,031	49,720	397,423	399,688	307,753	303,628	20,306,048	20,356,142	3,805,886	24,110,920	3,805,886	24,191,983	
1905.....	1,864,800	1,864,800	29,560	28,970	31,843	30,412	407,591	400,183	249,482	256,304	20,673,112	20,760,479	4,120,187	24,793,299	4,120,187	25,010,820	
1906.....	2,184,692	2,124,200	44,185	34,647	18,965	27,209	337,929	377,371	307,940	345,397	23,378,949	23,046,644	4,022,521	27,401,247	4,022,521	27,969,857	
1907.....	2,453,621	2,437,909	19,127	26,706	102,986	102,915	396,449	388,630	459,128	414,110	25,323,539	24,701,613	3,924,223	29,247,762	3,924,223	28,499,180	
1908.....	2,502,329	2,511,247	20,271	26,578	163,791	159,072	390,590	361,338	592,756	421,230	25,840,136	25,388,484	4,285,295	30,448,130	4,285,295	30,198,927	
1909.....	2,828,960	2,833,556	14,800	13,198	97,473	97,373	373,271	364,537	492,769	421,984	26,702,568	26,318,894	4,186,060	30,916,794	4,186,060	30,509,954	
1910.....	2,493,944	2,443,944	11,893	13,368	99,556	100,329	388,325	386,515	647,111	561,931	28,185,340	27,871,265	4,301,763	32,457,123	4,301,763	32,298,613	
1911.....	2,614,648	2,562,942	6,285	6,177	108,077	98,738	443,744	422,097	762,476	622,570	30,912,485	30,912,485	4,793,523	34,659,086	4,793,523	34,706,018	
1912.....	2,749,595	2,731,693	9,402	9,938	114,076	109,804	436,802	408,726	890,671	748,481	32,731,535	32,276,800	5,271,301	37,569,152	5,271,301	37,569,152	
1913.....	2,832,867	2,822,587	14,320	14,979	129,735	129,685	503,946	373,832	903,617	822,573	34,616,495	34,616,495	5,185,207	40,052,289	5,185,207	39,746,612	
1914.....	3,116,306	3,160,605	14,836	13,974	155,632	155,632	493,374	398,568	1,036,598	891,485	34,616,495	34,616,495	5,495,794	40,052,289	5,495,794	39,746,612	

No. 228.—FOREIGN CARRYING TRADE OF THE UNITED STATES IN AMERICAN AND FOREIGN VESSELS AND BY LAND VEHICLES: VALUES, 1868 to 1914.

[Merchandise and specie to 1879, inclusive; merchandise only after 1879.]

IMPORTS INTO THE UNITED STATES.

Year ended June 30—	By sea. <sup>1</sup>				By land vehicles.	Total by land and sea.
	In American vessels.	In foreign vessels.	Total.	Percent in American vessels.		
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>		<i>Dollars.</i>	<i>Dollars.</i>
1868.....	122,965,225	248,659,588	371,624,808	33.1	.....	871,624,808
1869.....	136,802,024	300,512,231	437,314,255	31.8	.....	437,314,255
1870.....	158,237,077	309,140,510	467,377,587	33.1	.....	467,377,587
1871.....	163,235,710	363,020,644	526,306,354	31.0	15,187,354	541,493,708
1872.....	177,286,302	445,416,783	622,703,085	28.5	17,635,681	640,338,766
1873.....	174,739,834	471,806,765	646,546,599	27.0	17,070,548	663,617,147
1874.....	176,027,778	405,320,135	581,347,913	30.8	14,513,335	595,861,248
1875.....	157,872,726	382,949,668	540,822,394	29.2	13,083,859	553,906,153
1876.....	143,389,704	321,139,500	464,529,204	30.9	12,148,667	476,677,871
1877.....	151,834,067	329,565,833	481,399,900	31.5	10,997,640	492,097,540
1878.....	146,499,282	307,407,565	453,906,847	32.3	12,965,999	466,872,846
1879.....	143,590,353	310,499,599	454,089,952	31.7	11,983,823	466,073,775
1880.....	149,317,368	503,494,913	652,812,281	22.9	15,142,465	667,954,746
1881.....	133,631,146	491,840,269	625,471,415	21.4	17,193,213	642,664,628
1882.....	130,266,826	571,517,802	701,784,628	18.6	22,854,946	724,639,574
1883.....	136,002,290	564,175,576	700,177,866	19.4	23,003,048	723,180,914
1884.....	135,046,207	512,511,192	647,557,399	20.8	20,140,294	667,697,693
1885.....	112,564,052	443,513,801	556,377,853	20.3	21,149,476	577,527,329
1886.....	118,942,817	491,937,636	610,880,453	19.5	24,555,683	635,436,136
1887.....	121,365,493	543,392,216	664,757,709	18.3	27,562,059	692,319,768
1888.....	123,525,298	568,222,357	691,747,655	17.8	32,309,459	723,957,114
1889.....	120,732,910	586,120,881	706,903,791	17.1	33,227,361	745,131,652
1890.....	124,948,948	623,740,100	748,689,048	16.7	40,621,261	789,310,409
1891.....	127,471,678	676,511,763	803,983,441	15.9	40,932,755	844,916,196
1892.....	139,139,891	648,585,976	787,725,867	17.7	39,726,595	827,452,462
1893.....	127,095,434	695,184,394	822,279,828	15.5	44,121,094	866,400,922
1894.....	121,561,193	503,810,334	625,371,527	19.4	29,623,095	654,994,622
1895.....	108,229,615	590,538,362	698,767,977	15.5	33,201,988	731,969,965
1896.....	117,299,074	626,390,521	744,189,595	15.7	35,635,079	779,824,674
1897.....	109,133,454	619,784,338	728,917,792	15.0	35,812,620	764,730,412
1898.....	93,535,867	492,086,003	585,621,870	16.0	30,427,784	616,049,654
1899.....	82,050,118	581,673,550	663,723,668	12.4	33,424,821	697,148,489
1900.....	104,304,940	701,223,735	805,528,675	12.9	44,412,509	849,941,184
1901.....	93,055,493	683,015,858	776,071,351	12.0	47,100,814	823,172,165
1902.....	102,188,002	744,760,235	846,954,237	12.1	56,366,711	903,320,948
1903.....	123,666,832	835,844,210	959,511,042	12.9	66,208,195	1,025,719,237
1904.....	132,233,665	790,595,186	922,848,251	14.3	63,239,120	991,087,371
1905.....	160,649,571	873,138,230	1,033,787,801	15.5	73,725,270	1,107,513,071
1906.....	168,488,129	971,397,270	1,139,885,399	14.8	86,677,047	1,226,562,446
1907.....	176,550,716	1,163,698,060	1,340,248,776	13.2	94,172,649	1,434,421,425
1908.....	151,919,733	971,111,234	1,123,030,967	13.5	71,310,825	1,194,341,792
1909.....	150,528,075	1,090,001,007	1,240,529,082	12.1	71,391,142	1,311,920,224
1910.....	147,100,976	1,319,438,085	1,466,539,061	10.0	90,403,369	1,556,942,430
1911.....	146,640,912	1,239,510,573	1,436,151,485	10.2	91,074,620	1,527,226,105
1912.....	170,849,630	1,380,228,170	1,551,077,800	11.0	102,137,084	1,653,214,884
1913.....	193,094,242	1,504,567,867	1,697,662,109	11.4	113,346,125	1,811,008,234
1914.....	198,923,666	1,538,784,987	1,737,708,653	11.4	156,217,004	1,893,925,657

<sup>1</sup> Includes also all water-borne imports of ports on the Great Lakes.

## No. 228.—FOREIGN CARRYING TRADE OF THE UNITED STATES IN AMERICAN AND FOREIGN VESSELS, ETC.: VALUES, 1868 TO 1914—Continued.

## EXPORTS FROM THE UNITED STATES.

Year ended June 30—	By sea. <sup>1</sup>				By land vehicles.	Total by land and sea.
	In American vessels.	In foreign vessels.	Total.	Percent in American vessels.		
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>		<i>Dollars.</i>	<i>Dollars.</i>
1868.....	175, 016, 848	301, 886, 491	476, 902, 839	36.7	.....	476, 902, 839
1869.....	153, 154, 748	285, 979, 781	439, 134, 529	34.9	.....	439, 134, 529
1870.....	199, 732, 324	329, 786, 978	529, 519, 302	37.7	.....	529, 519, 302
1871.....	190, 378, 462	392, 801, 932	583, 180, 394	32.7	7, 798, 156	590, 978, 550
1872.....	168, 044, 799	393, 929, 679	561, 974, 378	30.0	10, 015, 089	571, 989, 467
1873.....	171, 566, 758	494, 915, 886	666, 482, 644	25.7	10, 799, 430	677, 282, 074
1874.....	174, 424, 216	533, 885, 971	708, 310, 187	24.6	8, 509, 205	716, 819, 392
1875.....	156, 385, 066	501, 838, 949	658, 224, 015	23.8	7, 304, 376	665, 528, 391
1876.....	167, 686, 467	492, 215, 487	659, 901, 954	25.4	6, 324, 487	666, 226, 441
1877.....	164, 326, 214	530, 954, 703	695, 180, 917	23.7	6, 767, 170	701, 948, 087
1878.....	166, 551, 624	569, 583, 564	736, 135, 188	22.7	7, 511, 365	743, 646, 553
1879.....	128, 425, 339	600, 769, 633	729, 194, 972	17.6	7, 439, 302	736, 634, 334
1880.....	109, 029, 209	720, 770, 521	829, 799, 730	13.1	5, 838, 928	835, 638, 658
1881.....	116, 955, 324	777, 167, 714	894, 118, 038	13.1	8, 259, 303	902, 377, 346
1882.....	96, 962, 919	641, 460, 967	738, 423, 886	13.1	12, 118, 371	750, 542, 257
1883.....	104, 418, 210	694, 331, 343	798, 749, 553	13.1	25, 039, 844	823, 839, 402
1884.....	98, 652, 828	615, 287, 007	713, 939, 835	13.8	26, 573, 774	740, 513, 009
1885.....	82, 001, 691	630, 044, 765	712, 006, 456	11.4	24, 133, 299	742, 139, 755
1886.....	78, 406, 686	581, 973, 477	660, 380, 163	11.9	19, 144, 667	679, 524, 830
1887.....	72, 991, 253	621, 302, 292	694, 793, 545	10.5	21, 339, 666	716, 133, 211
1888.....	67, 332, 175	606, 474, 964	673, 807, 139	10.0	22, 147, 368	695, 954, 507
1889.....	82, 022, 198	630, 942, 660	713, 964, 858	11.6	28, 436, 517	742, 401, 375
1890.....	77, 502, 188	747, 376, 644	824, 878, 732	9.4	32, 949, 902	857, 828, 634
1891.....	78, 968, 047	773, 569, 324	852, 537, 371	9.3	31, 923, 439	884, 480, 810
1892.....	81, 033, 844	916, 023, 675	997, 057, 519	8.1	33, 220, 629	1, 030, 278, 143
1893.....	70, 670, 073	783, 132, 174	853, 802, 247	8.8	43, 862, 947	847, 665, 194
1894.....	73, 707, 023	769, 212, 122	842, 919, 145	8.7	49, 221, 427	892, 140, 572
1895.....	62, 277, 531	695, 357, 330	757, 635, 411	8.2	49, 902, 754	807, 538, 165
1896.....	70, 392, 813	751, 033, 000	821, 425, 813	8.5	61, 131, 125	882, 606, 938
1897.....	79, 941, 323	905, 969, 428	985, 911, 251	8.1	65, 032, 305	1, 050, 993, 556
1898.....	67, 792, 150	1, 090, 406, 476	1, 158, 198, 626	5.9	73, 233, 704	1, 231, 432, 330
1899.....	78, 562, 033	1, 064, 590, 307	1, 143, 152, 395	6.9	83, 370, 907	1, 227, 623, 302
1900.....	90, 779, 252	1, 193, 220, 689	1, 283, 999, 941	7.1	110, 433, 141	1, 394, 433, 082
1901.....	84, 343, 122	1, 291, 520, 938	1, 375, 864, 060	6.1	111, 900, 931	1, 487, 764, 991
1902.....	83, 631, 985	1, 174, 263, 079	1, 257, 895, 064	6.6	123, 824, 337	1, 381, 719, 401
1903.....	91, 023, 200	1, 190, 262, 178	1, 281, 290, 378	7.1	133, 851, 301	1, 420, 141, 679
1904.....	97, 432, 054	1, 210, 603, 328	1, 308, 030, 382	7.5	152, 736, 839	1, 460, 827, 271
1905.....	129, 958, 375	1, 225, 063, 232	1, 355, 021, 607	9.6	163, 540, 059	1, 518, 561, 666
1906.....	153, 859, 076	1, 396, 270, 084	1, 550, 129, 160	9.9	193, 735, 340	1, 743, 864, 500
1907.....	141, 730, 310	1, 520, 598, 231	1, 662, 328, 541	8.5	213, 472, 537	1, 880, 851, 078
1908.....	120, 593, 539	1, 549, 623, 630	1, 670, 222, 219	7.2	190, 551, 127	1, 860, 773, 346
1909.....	103, 129, 142	1, 372, 692, 807	1, 480, 821, 949	7.3	182, 139, 155	1, 663, 011, 104
1910.....	113, 736, 171	1, 402, 524, 390	1, 516, 260, 561	7.5	223, 724, 159	1, 744, 984, 720
1911.....	133, 555, 552	1, 640, 925, 933	1, 774, 481, 485	7.5	274, 823, 714	2, 049, 305, 199
1912.....	151, 601, 385	1, 728, 790, 638	1, 880, 392, 673	8.1	323, 929, 336	2, 204, 322, 409
1913.....	137, 933, 254	1, 837, 460, 562	2, 075, 393, 816	9.1	390, 435, 334	2, 465, 829, 150
1914.....	169, 436, 090	1, 878, 323, 769	2, 047, 759, 859	8.3	316, 819, 289	2, 364, 579, 148

<sup>1</sup> Includes also all water-borne exports of ports on the Great Lakes.

## No. 228.—FOREIGN CARRYING TRADE OF THE UNITED STATES IN AMERICAN AND FOREIGN VESSELS, ETC.: VALUES, 1868 TO 1914—Continued.

## TOTAL UNITED STATES IMPORTS AND EXPORTS.

Year ended June 30—	By sea. <sup>1</sup>				By land vehicles.	Total by land and sea.
	In American vessels.	In foreign vessels.	Total.	Percent American vessels.		
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>		<i>Dollars.</i>	<i>Dollars.</i>
1868.....	297,981,573	550,546,074	848,527,647	85.1	848,527,647	848,527,647
1869.....	289,956,772	586,492,012	876,448,784	33.2	876,448,784	876,448,784
1870.....	352,969,401	638,927,488	991,896,889	85.6	991,896,889	991,896,889
1871.....	353,664,172	755,822,576	1,109,486,748	31.9	22,985,610	1,182,472,258
1872.....	345,381,101	839,346,362	1,184,677,463	29.2	27,650,770	1,212,328,233
1873.....	846,806,592	966,722,651	1,813,029,243	26.4	27,869,978	1,840,899,221
1874.....	350,451,994	939,206,106	1,289,658,100	27.2	23,022,540	1,312,680,640
1875.....	814,257,792	884,788,517	1,699,046,309	26.2	20,888,235	1,219,434,544
1876.....	311,076,171	813,354,987	1,124,431,158	27.7	18,473,154	1,142,904,312
1877.....	816,060,281	859,920,586	1,676,980,817	26.9	17,464,810	1,694,045,627
1878.....	318,050,906	876,991,129	1,190,042,035	26.3	20,477,364	1,210,519,399
1879.....	272,015,692	911,269,282	1,183,284,924	23.0	19,428,685	1,202,708,609
1880.....	258,846,577	1,224,265,434	1,482,612,011	17.4	20,981,398	1,503,593,404
1881.....	250,566,470	1,269,002,998	1,519,589,468	16.5	25,452,621	1,545,041,974
1882.....	227,229,745	1,212,978,769	1,440,208,514	15.8	34,973,317	1,475,181,831
1883.....	240,420,500	1,258,506,924	1,498,927,424	16.0	43,092,892	1,542,020,316
1884.....	233,699,035	1,127,798,199	1,361,497,234	17.2	46,714,068	1,408,211,302
1885.....	194,806,748	1,079,518,566	1,274,384,309	15.3	45,332,775	1,319,717,084
1886.....	197,349,503	1,078,911,118	1,271,260,616	15.5	43,700,350	1,314,960,966
1887.....	194,366,746	1,165,194,508	1,359,551,254	14.3	48,951,725	1,408,502,979
1888.....	190,857,473	1,174,697,321	1,365,554,794	14.0	54,856,827	1,419,911,621
1889.....	208,805,108	1,217,063,541	1,420,868,649	14.3	66,664,378	1,487,533,027
1890.....	202,451,086	1,371,116,744	1,573,567,830	12.9	78,571,268	1,647,139,093
1891.....	206,469,725	1,450,081,087	1,656,540,812	12.5	72,856,194	1,729,397,006
1892.....	220,178,735	1,564,559,651	1,784,738,386	12.3	72,947,224	1,857,680,610
1893.....	197,706,507	1,428,316,568	1,626,082,075	12.2	87,984,041	1,714,066,116
1894.....	195,268,216	1,273,022,456	1,468,290,672	13.3	78,844,522	1,547,135,194
1895.....	170,507,196	1,285,896,192	1,456,403,388	11.7	83,104,742	1,539,508,130
1896.....	187,691,887	1,377,973,521	1,565,665,408	12.0	96,666,204	1,662,331,612
1897.....	189,076,277	1,525,758,766	1,714,829,043	11.0	100,894,925	1,815,723,968
1898.....	161,328,017	1,582,492,479	1,743,820,496	9.3	103,711,488	1,847,531,984
1899.....	160,612,206	1,646,263,857	1,806,876,063	8.9	117,295,728	1,924,171,791
1900.....	195,084,192	1,894,444,424	2,089,528,616	9.3	154,895,650	2,244,424,266
1901.....	177,898,615	1,974,586,796	2,151,935,411	8.2	159,001,745	2,310,937,156
1902.....	185,819,987	1,919,029,314	2,104,849,301	8.8	180,191,048	2,285,040,349
1903.....	214,695,032	2,026,106,388	2,240,801,420	9.6	205,059,496	2,445,860,916
1904.....	229,735,119	2,001,203,514	2,230,938,638	10.3	220,976,009	2,451,914,642
1905.....	290,607,946	2,103,201,462	2,393,809,408	12.1	242,265,329	2,636,074,737
1906.....	322,347,205	2,367,667,354	2,690,014,559	12.0	280,412,387	2,970,426,946
1907.....	318,331,026	2,684,206,201	3,002,627,317	10.6	312,645,186	3,315,272,503
1908.....	272,513,322	2,520,739,864	2,793,253,186	9.8	261,861,952	3,055,115,138
1909.....	258,657,217	2,462,698,814	2,721,351,031	9.5	258,580,297	2,979,931,328
1910.....	260,887,147	2,721,962,475	2,982,799,622	8.7	319,132,528	3,301,932,150
1911.....	280,206,464	2,930,436,506	3,210,642,970	8.7	365,903,334	3,576,546,304
1912.....	322,451,565	3,109,018,858	3,431,470,423	9.4	426,116,920	3,857,587,343
1913.....	331,032,496	3,092,028,429	3,773,060,925	10.1	505,831,459	4,278,892,384
1914.....	368,359,756	3,417,108,756	3,785,468,512	9.7	473,030,293	4,258,501,805

<sup>1</sup> Includes also all water-borne foreign commerce of ports on the Great Lakes.



**No. 230.—DISASTERS TO VESSELS ON AND NEAR THE COASTS AND ON THE RIVERS OF THE UNITED STATES, AND TO AMERICAN VESSELS AT SEA AND ON THE COASTS OF FOREIGN COUNTRIES: SUMMARY, 1894 TO 1914.**

[Source: Reports of the United States Coast Guard, Treasury Department.]

**WRECKS AND CASUALTIES ON THE ATLANTIC, GULF, AND PACIFIC COASTS OF THE UNITED STATES.**

Year ended June 30—	Number of ves-sels.	Wrecks involv-ing total loss.	Casual-ties involv-ing partial and un-known damage.	Vessels totally lost.	Vessels damaged.	Losses to ves-sels.	Losses to cargoes.	Passen-gers.	Crews.	Lives lost. <sup>1</sup>
				<i>Tons.</i>	<i>Tons.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>No.</i>	<i>No.</i>	
1894 ...	791	224	567	55,554	299,908	3,348,140	773,665	9,347	7,407	258
1895 ...	727	231	496	43,858	278,171	2,336,845	477,110	9,314	6,158	110
1896 ...	584	166	418	37,365	259,031	2,117,965	608,340	5,952	6,147	65
1897 ...	587	155	432	44,231	250,672	3,260,420	812,920	4,411	5,389	95
1898 ...	666	214	452	54,093	277,505	2,301,345	594,305	10,427	6,945	184
1899 ...	932	313	619	85,051	343,022	3,931,600	1,033,760	8,623	8,584	376
1900 ...	672	209	463	60,506	347,803	4,957,465	2,480,900	7,608	8,248	260
1901 ...	679	227	452	55,919	343,855	3,492,305	1,281,840	9,527	7,171	182
1902 ...	727	224	503	72,506	346,222	4,039,470	1,152,050	8,533	7,512	121
1903 ...	643	184	459	51,212	364,536	3,333,250	751,535	9,208	7,791	119
1904 ...	638	195	443	63,725	355,840	3,754,840	747,365	9,906	6,935	1,232
1905 ...	642	184	458	54,635	337,259	3,873,540	1,435,855	9,435	7,426	89
1906 ...	630	167	463	41,709	339,075	3,947,735	1,152,330	9,441	7,922	90
1907 ...	848	256	592	77,158	517,071	5,096,340	1,056,430	11,582	9,479	394
1908 ...	720	216	504	71,313	553,593	4,880,625	1,514,730	8,696	9,466	172
1909 ...	703	131	572	61,759	553,016	4,612,010	1,939,830	17,415	10,651	180
1910 ...	753	207	546	71,653	679,364	5,128,240	1,268,865	9,848	10,000	160
1911 ...	617	165	452	43,930	399,961	4,045,740	816,935	13,414	8,922	113
1912 ...	794	189	605	61,031	589,742	4,570,320	1,210,615	8,851	12,567	76
1913 ...	689	147	542	46,487	532,639	4,611,250	912,385	11,662	10,830	129
1914 ...	618	158	460	53,367	423,397	4,141,265	934,100	9,570	9,504	136

**WRECKS AND CASUALTIES ON THE GREAT LAKES.**

1894 ...	334	79	255	31,653	222,608	1,970,070	482,240	696	3,538	110
1895 ...	265	41	224	20,524	210,716	1,335,075	401,515	801	3,112	76
1896 ...	358	66	292	23,694	328,188	1,581,695	443,850	1,359	4,051	31
1897 ...	236	34	202	13,436	205,304	1,097,505	195,475	1,020	3,032	18
1898 ...	209	33	176	15,770	212,279	998,895	217,010	636	2,602	27
1899 ...	305	65	240	32,301	264,661	2,016,420	633,330	1,333	3,317	57
1900 ...	261	40	221	3,155	303,454	870,695	127,120	704	3,160	15
1901 ...	234	45	239	13,581	303,172	1,555,705	201,460	1,117	3,448	79
1902 ...	311	58	253	23,152	364,538	1,923,610	317,790	2,380	4,135	62
1903 ...	247	43	204	21,772	267,812	1,315,165	330,995	1,645	3,379	62
1904 ...	233	49	184	25,357	290,792	1,643,145	440,980	1,773	3,435	19
1905 ...	267	46	221	27,593	449,419	1,331,060	184,450	2,133	4,176	10
1906 ...	364	78	286	72,386	622,156	3,753,695	495,975	739	5,542	116
1907 ...	415	55	360	23,577	967,662	2,306,200	396,695	997	6,759	32
1908 ...	327	32	295	19,144	753,691	2,151,415	128,320	3,549	5,800	42
1909 ...	365	48	317	29,972	833,622	2,535,040	379,830	2,491	6,627	76
1910 ...	424	35	339	33,449	1,206,459	3,515,595	795,655	1,798	3,066	95
1911 ...	291	30	261	23,229	785,521	2,343,550	330,575	4,062	5,694	56
1912 ...	280	26	254	24,270	669,638	1,577,255	257,805	3,769	5,574	9
1913 ...	275	32	243	14,153	815,303	1,444,365	162,315	2,437	4,999	30
1914 ...	296	37	259	75,365	328,317	4,547,795	1,030,240	1,637	6,022	176

<sup>1</sup> Exclusive of lives lost on vessels suffering no material damage.

No. 230.—DISASTERS TO VESSELS ON AND NEAR THE COASTS AND ON THE RIVERS OF THE UNITED STATES, ETC.: SUMMARY, 1894 TO 1914—Continued.

WRECKS AND CASUALTIES ON RIVERS OF THE UNITED STATES.

Year ended June 30—	Number of ves-sels.	Wrecks involv-ing total loss.	Casual-ties in-volving partial and un-known damage.	Vessels totally lost.	Vessels damaged.	Losses to ves-sels.	Losses to cargoes.	Passen-gers.	Crews.	Lives lost. <sup>1</sup>
				Tons.	Tons.	Dollars.	Dollars.	No.	No.	
1894.....	219	75	144	13,212	55,007	834,470	115,375	8,461	8,214	29
1895.....	201	64	137	11,098	48,317	747,435	149,510	2,182	2,951	15
1896.....	197	58	139	16,864	51,589	1,130,195	71,835	2,023	2,728	50
1897.....	162	59	103	9,867	43,987	59,775	129,380	1,275	2,543	7
1898.....	170	63	107	15,185	43,856	858,695	101,215	1,529	2,692	25
1899.....	175	71	104	9,897	42,867	614,805	153,800	1,535	2,474	41
1900.....	150	43	107	5,623	44,890	465,545	256,990	906	2,105	18
1901.....	148	39	109	5,204	56,256	459,235	165,925	2,215	2,638	19
1902.....	139	48	91	3,039	43,922	935,130	86,845	1,833	2,073	157
1903.....	160	49	111	3,208	51,897	758,400	153,440	1,691	2,152	35
1904.....	145	53	92	10,923	30,103	814,640	89,100	955	2,109	30
1905.....	139	35	104	12,818	50,621	994,400	137,975	895	2,139	20
1906.....	179	57	122	6,668	59,580	789,740	48,815	1,636	2,096	34
1907.....	185	52	133	3,563	74,962	1,213,615	433,245	1,710	2,613	24
1908.....	162	48	104	4,479	61,367	671,805	41,725	1,622	1,904	25
1909.....	170	55	115	6,453	64,081	830,190	47,635	1,450	2,039	32
1910.....	190	76	114	10,874	56,703	1,092,025	94,315	2,846	1,967	24
1911.....	163	61	107	4,933	56,963	770,790	34,635	2,371	2,352	27
1912.....	196	61	135	6,344	73,776	790,445	91,170	2,239	2,603	35
1913.....	167	43	119	3,364	73,901	693,010	34,420	2,163	2,455	49
1914.....	139	42	97	4,613	57,119	733,920	33,700	1,190	2,114	22

WRECKS AND CASUALTIES TO AMERICAN VESSELS AT SEA AND ON THE COASTS OF FOREIGN COUNTRIES.

1894.....	309	120	189	39,940	156,455	2,424,205	737,375	1,732	4,504	406
1895.....	303	122	181	60,994	147,923	2,611,135	916,675	1,379	4,261	503
1896.....	253	96	157	43,412	123,966	1,655,740	894,615	833	3,331	223
1897.....	221	73	143	34,823	135,749	1,424,475	593,990	731	3,165	179
1898.....	212	96	116	45,039	113,338	6,932,325	858,830	911	3,515	529
1899.....	220	110	110	59,074	133,597	3,267,745	911,645	1,642	4,456	231
1900.....	191	63	123	33,497	117,546	1,839,230	552,890	2,218	3,125	125
1901.....	202	60	142	24,866	230,823	1,537,100	493,450	2,337	4,333	172
1902.....	182	75	107	40,421	117,955	1,925,710	752,650	1,631	2,743	191
1903.....	154	56	93	29,119	117,145	1,604,960	436,240	772	2,463	160
1904.....	166	60	106	26,127	203,135	1,411,230	357,170	2,332	3,123	176
1905.....	161	53	103	32,340	191,441	1,438,410	505,515	2,045	3,636	143
1906.....	153	48	105	32,817	135,014	1,593,440	543,135	1,237	3,537	259
1907.....	222	84	133	71,344	227,233	5,093,760	1,125,740	1,733	4,236	174
1908.....	142	48	94	32,743	215,555	1,851,930	467,330	3,635	4,119	135
1909.....	177	43	129	23,966	249,221	1,513,495	963,330	1,737	4,279	115
1910.....	126	47	79	19,329	158,471	1,322,930	406,745	972	2,617	124
1911.....	151	83	113	24,273	233,243	2,405,915	512,435	2,635	4,700	66
1912.....	177	52	125	22,275	213,235	1,274,855	331,420	1,113	3,566	75
1913.....	134	47	87	27,134	236,135	1,534,310	439,665	4,339	4,793	75
1914.....	157	56	101	39,224	210,097	2,014,350	406,305	2,036	4,559	37

<sup>1</sup> Exclusive of lives lost on vessels suffering no material damage.

No. 230.—DISASTERS TO VESSELS ON AND NEAR THE COASTS AND ON THE RIVERS OF THE UNITED STATES, ETC.: SUMMARY, 1894 TO 1914—Continued.

## RECAPITULATION.

Year ended June 30—	Number of ves-sels.	Wrecks involv-ing total loss.	Casual-ties in-volving partial and un-known damage.	Vessels totally lost.	Vessels damaged.	Losses to vessels.	Losses to cargoes.	Passen-gers.	Crews.	Lives lost. <sup>1</sup>
				Tons.	Tons.	Dollars.	Dollars.	No.	No.	
1894.....	1,658	498	1,155	140,359	733,978	3,570,885	2,158,655	15,286	13,663	303
1895.....	1,496	458	1,038	136,474	685,132	7,530,540	1,944,810	11,656	16,782	704
1896.....	1,392	386	1,006	121,335	767,724	6,485,595	2,018,140	10,172	16,307	369
1897.....	1,206	326	880	102,357	635,712	6,442,175	1,731,765	7,437	14,179	299
1898.....	1,257	406	851	130,087	646,978	11,091,260	1,771,860	13,503	15,754	767
1899.....	1,632	559	1,073	186,323	784,147	9,830,070	2,782,535	13,133	19,331	755
1900.....	1,274	360	914	112,781	818,093	8,132,955	3,417,900	11,436	16,638	418
1901.....	1,313	371	942	104,570	939,106	7,094,845	2,147,675	15,710	17,635	452
1902.....	1,359	405	954	144,118	877,637	8,223,920	2,309,335	14,477	16,463	531
1903.....	1,204	332	872	110,311	801,390	7,011,775	1,722,210	13,216	15,790	376
1904.....	1,182	357	825	126,132	879,870	7,623,855	1,634,615	14,966	15,307	1,457
1905.....	1,209	323	886	118,936	1,028,740	8,137,500	2,263,795	14,513	17,377	267
1906.....	1,325	350	976	153,080	1,255,825	10,039,610	2,245,305	13,053	19,097	499
1907.....	1,670	447	1,223	185,642	1,786,933	13,709,915	3,062,110	16,027	23,147	624
1908.....	1,341	344	997	127,684	1,584,206	9,555,825	2,152,155	17,502	21,289	374
1909.....	1,415	232	1,133	122,150	1,699,940	9,491,635	3,330,325	23,143	23,506	403
1910.....	1,493	365	1,128	135,305	2,000,997	11,058,840	2,565,530	15,404	22,640	403
1911.....	1,227	294	933	101,365	1,475,638	9,565,995	1,694,630	22,434	21,663	262
1912.....	1,447	323	1,119	113,920	1,546,391	8,213,375	1,941,010	15,972	24,310	195
1913.....	1,265	274	991	91,188	1,663,623	8,338,935	1,549,285	21,101	23,077	283
1914.....	1,210	293	917	173,069	1,513,930	11,437,330	2,509,405	14,533	22,199	421

<sup>1</sup> Exclusive of lives lost on vessels suffering no material damage.

No. 231.—ABSTRACT OF WORK PERFORMED BY THE REVENUE CUTTER SERVICE, WITH EXPENDITURES: YEARS ENDED JUNE 30, 1908 TO 1914.

[Source: Reports of the Secretary of the Treasury.]

	1908	1909	1910	1911	1912	1913	1914
Lives saved, or persons rescued from peril.....	50	56	25	55	106	327	476
Persons on board vessels assisted.....	3,269	5,050	1,801	4,343	2,212	2,755	1,637
Persons in distress taken on board and cared for.....	317	454	365	717	275	264	487
Vessels assisted.....	146	156	156	173	260	179	210
Vessels boarded and papers examined.....	13,252	14,326	13,799	20,033	24,390	25,079	23,787
Vessels seized or reported for violation of law.....	242	330	647	992	1,206	350	963
Fines and penalties incurred by vessels reported.....dolls.	54,700	39,175	160,569	185,702	223,750	180,470	204,310
Value of vessels assisted and their cargoes.....dolls.	6,858,918	13,940,709	10,247,535	9,483,562	10,545,573	10,626,610	9,056,551
Derelicts and obstructions to navigation removed or destroyed.....	18	26	23	21	45	31	31
Regattas and marine parades patrolled, in accordance with law.....						39	50
Net expenditure:							
Appropriation for maintenance of the Service, including appropriation for special repairs.....dolls.	1,817,223	2,423,565	2,563,000	2,455,042	2,453,247	2,474,357	2,479,394
Estimated unexpended balance.....dolls.	2,031	5,599	9,762	7,953	4,753	3,324	6,762